

PART III - LIST OF DOCUMENTS, EXHIBITS,

AND OTHER ATTACHMENTS

SECTION J

LIST OF ATTACHMENTS

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ATTACHMENT 1: DOE DIRECTIVES APPLICABLE TO THE 222-S LAB

The DOE Directives found in the following listing are the “List of Applicable Directives” and “List B” as those terms are used in paragraph (b) of Section I Clause, Laws, Regulations, and DOE Directives. The Contractor shall follow the established exemption process to obtain relief from requirements of these regulations where applicable.

It is anticipated during the performance of this contract, the conditions for applicability of certain DOE Directive may no longer exist. In any such situation where the Contractor seeks relief from the requirements of such DOE Directives, the Contractor may notify the Contracting Officer in writing explaining the reasons for its belief the DOE Directives no longer apply to contract performance. The Contracting Officer may determine the conditions for applicability of a DOE Directive still exist, and may direct the Contractor to continue compliance with the DOE Directive. Additional, even without such direction by the Contracting Officer, if the conditions for applicability of a DOE Directive once again arise, the DOE Directive will immediately become applicable once again.

List B: Applicable DOE Directives

The following is an all-inclusive list of applicable DOE directives.

*Those directives marked “Supplement,” are DOEL-RL CRDs that are in addition to the DOE-HQ CRDs. The Section B clarification and Section C supplemental requirements apply in addition to the HQ CRDs. Any specific clarifications or requirements do not apply unless otherwise notes.

Order Number/Changes	Title
DOE O 130.1 CRD	Budget Formulation Process
DOE M 140.1-1B CRD	Interface with the Defense Nuclear Facilities Safety Board
DOE O 142.3, Change 1, CRD	Unclassified Foreign Visits and Assignments
	Comprehensive Emergency Management System
	Attachment 2, CRD
	· Item 2
	· Item 5
	· Item 6
	· Item 7
	· Item 9
	· Item 10
	· Item 11
	· Item 13
	· Item 14
	· Item 15
DOE O 151.1C CRD	
DOE O 205.1A CRD	Department of Energy Cyber Security Management Program
DOE O 210.2 CRD	DOE Operating Experience Program
DOE O 221.1A CRD	Reporting Fraud, Waste, and Abuse to the Office of Inspector General

DOE O 221.2A CRD	Cooperation with the Office of Inspector General
DOE O 225.1A CRD	Accident Investigations
DOE O 226.1A CRD	Implementation of DOE Oversight Policy
DOE M 231.1-1A, Change 2, CRD	Environmental, Safety and Health Reporting Manual
DOE M 231.1-2, Rev 1, CRD	Occurrence Reporting and Processing of Operations Information
DOE O 241.1A, Change 1, CRD	Scientific and Technical Information Management
DOE O 350.1, Change 1, CRD	Contractor Human Resources Management Programs
DOE O 413.1B CRD	Internal Control Program
DOE O 414.1C, CRD	Quality Assurance
DOE O 435.1, Change 1, CRD	Radioactive Waste Management
DOE O 442.1A, CRD	Department of Energy Employee Concerns Program
DOE M 442.1-1 CRD	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health
DOE P 450.7	Environmental Safety and Health (ESH) Goals
DOE M 450.4-1, CRD	Integrated Safety Management System Manual
DOE P 450.4	Safety Management System Policy
DOE O 460.1B CRD	Packaging and Transportation Safety
DOE O 471.3 CRD	Identifying and Protecting Official Use Only Information
DOE M 471.3-1 CRD	Manual for Identifying and Protecting Official Use Only Information
DOE M 470.4-6 Change 1, CRD	Nuclear Material Control and Accountability
DOE O 475.1 CRD	Counter Intelligence Program
DOE O 5480.19, Change 2	Conduct of Operations
	· Preamble, Section 5.c.
	· Chapter 1, Section C.1 Sentences 1 through 6
	· Chapter XVI, Section C.1. Para 1, Para 2, sentence 3 and 4
	· Chapter XVI, Section C.2.b.
DOE O 5480.20 A, Change 1	· Chapter VI, Section C.6. Para 1
	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
	· Preamble, Section 8.a
	· Attachment 1, Contractor Requirements Document
	· Chapter I, Section 2
	· Chapter I, Section 3
	· Chapter I, Section 4.a
	· Chapter I, Section 4.b
	· Chapter I, Section 5
	· Chapter I, Section 7 Introduction, Sentence 1 and 2
	· Chapter I, Section 7
	· Chapter I, Section 8
	· Chapter I, Section 9
	· Chapter I, Section 10
	· Chapter I, Section 11.a
	· Chapter I, Section 12
	· Chapter I, Section 13
	· Chapter I, Section 15
	· Chapter IV, Section 2
	· Chapter IV, Section 4.a (where lab techs are equated to operators)

	· Chapter IV, Section 4.c
	Hanford Emergency Management Plan
	· Section 11.1
	· Section 11.1.3
DOE/RL-94-02	· Section 12.0
ORP M 420.1-1, CRD	ORP Fire Protection Program
DOE N 206.5	Personal Identity - Security Breaches
DOE M 470.4-4, Change 1, CRD	Information Security
ORP M 410.2C	Facility Representative Program
DOE/RL 96-98	HASQARD, Revision 3
DOE O 110.3A CRD	Conference Management
ORP M 441.1-1	Nuclear Material Packaging Manual
DOE O 150.1 CRD	Continuity Programs
DOE N 206.4	Personal Identity Verification
DOE O 243.1 CRD	Records Management Program
DOE O 243.2 CRD	Vital Records
DOE O 450.1A CRD	Environmental Protection Program

ATTACHMENT 2: 222-S LABORATORY DOCUMENTED SAFETY ANALYSIS

In accordance with Section C.2.3.4 requirements, the following documents are incorporated:

[DSA HNF-12125.pdf](#)
[TSR HNF-14733.pdf](#)

ATTACHMENT 3 APPLICATIONS, PERMITS, AND NOTICES OF CONSTRUCTION

The following is a list of applications, permits, and Notices of Construction (NOCs) the lab currently complies with:

Liquid Effluents:

- SWDP ST4511, Site-wide Hydrotest, Maintenance, and Construction Discharges, Site-wide Cooling Water and Condensate Discharges and Site-wide Industrial Stormwater Discharges to Engineered Land Disposal Structures
- HNF-SD-W049H-ICD-001, 200 Area Treated Effluent Disposal Facility Interface Control Document

Air Emissions:

- Hanford Site Air Operating Permit, 00-05-006
- NOC, State of Washington Department of Ecology, Letter, July 13, 1992, Approval of the Notice of Construction for the Environmental Hot Cell Expansion
- NOC, State of Washington Department of Health, AIR 08-904, September 8, 2008, *License to Operate the 222-S Laboratory*

Waste Treatment, Storage, Disposal:

The 222-S Laboratory Complex is an interim status Treatment, Storage, and Disposal Facility and does not have a RCRA Permit. An application (DOE/RL-91-27) for a RCRA, Part B, Final Status Treatment, Storage, and Disposal Facility Permit has been submitted to the State of Washington Department of Ecology. Chapter I of the permit application contains the Part A, Form 3, Revision 9, Dangerous Waste Permit Application, which must be complied with.

Waste Analysis Plan

A draft Waste Analysis Plan for the Low-Level Burial Grounds is currently being discussed with the Washington State Department of Ecology

ATTACHMENT 4: WASHINGTON DEPARTMENT OF LABOR WAGE DETERMINATION

WD 05-2569 (Rev.-8) was first posted on www.wdol.gov on 10/28/2008

*******REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS
ADMINISTRATION**By direction of the Secretary of Labor | **WAGE AND HOUR DIVISION**| **WASHINGTON D.C. 20210**

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| **Wage Determination No.: 2005-2569****Shirley F. Ebbesen** | **Division of** | **Revision No.: 8****Director** | **Wage Determinations** | **Date Of Revision: 10/17/2008**

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States: Oregon, WashingtonArea: Oregon Counties of Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union,
Wallowa, Wheeler

Washington Counties of Benton, Franklin, Walla Walla, Yakima

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****Fringe Benefits Required Follow the Occupational Listing******OCCUPATION CODE - TITLE****MINIMUM WAGE RATE****01000 - Administrative Support And Clerical Occupations**

01011 - Accounting Clerk I	12.94
01012 - Accounting Clerk II	14.53
01013 - Accounting Clerk III	16.65
01020 - Administrative Assistant	22.41
01040 - Court Reporter	17.11
01051 - Data Entry Operator I	13.08
01052 - Data Entry Operator II	14.24
01060 - Dispatcher, Motor Vehicle	17.11
01070 - Document Preparation Clerk	12.94
01090 - Duplicating Machine Operator	12.94
01111 - General Clerk I	12.16
01112 - General Clerk II	13.26
01113 - General Clerk III	14.89

01120 - Housing Referral Assistant	19.50
01141 - Messenger Courier	10.59
01191 - Order Clerk I	12.21
01192 - Order Clerk II	13.32
01261 - Personnel Assistant (Employment) I	16.33
01262 - Personnel Assistant (Employment) II	18.27
01263 - Personnel Assistant (Employment) III	20.37
01270 - Production Control Clerk	23.67
01280 - Receptionist	12.73
01290 - Rental Clerk	14.91
01300 - Scheduler, Maintenance	15.50
01311 - Secretary I	15.49
01312 - Secretary II	17.33
01313 - Secretary III	19.50
01320 - Service Order Dispatcher	17.18
01410 - Supply Technician	22.41
01420 - Survey Worker	16.71
01531 - Travel Clerk I	13.20
01532 - Travel Clerk II	14.20
01533 - Travel Clerk III	15.22
01611 - Word Processor I	13.63
01612 - Word Processor II	15.30
01613 - Word Processor III	17.11
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	18.71
05010 - Automotive Electrician	18.82
05040 - Automotive Glass Installer	17.82
05070 - Automotive Worker	17.82
05110 - Mobile Equipment Servicer	15.82
05130 - Motor Equipment Metal Mechanic	19.80
05160 - Motor Equipment Metal Worker	17.82
05190 - Motor Vehicle Mechanic	19.80
05220 - Motor Vehicle Mechanic Helper	14.82
05250 - Motor Vehicle Upholstery Worker	16.81
05280 - Motor Vehicle Wrecker	17.82
05310 - Painter, Automotive	18.82
05340 - Radiator Repair Specialist	17.82
05370 - Tire Repairer	14.44
05400 - Transmission Repair Specialist	19.80
07000 - Food Preparation And Service Occupations	
07010 - Baker	17.23
07041 - Cook I	13.97
07042 - Cook II	15.66
07070 - Dishwasher	9.89
07130 - Food Service Worker	10.88
07210 - Meat Cutter	17.40

07260 - Waiter/Waitress	11.12
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	18.67
09040 - Furniture Handler	12.30
09080 - Furniture Refinisher	18.67
09090 - Furniture Refinisher Helper	14.70
09110 - Furniture Repairer, Minor	16.67
09130 - Upholsterer	18.67
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	10.39
11060 - Elevator Operator	10.88
11090 - Gardener	15.35
11122 - Housekeeping Aide	11.08
11150 - Janitor	13.65
11210 - Laborer, Grounds Maintenance	12.13
11240 - Maid or Houseman	9.55
11260 - Pruner	11.97
11270 - Tractor Operator	14.51
11330 - Trail Maintenance Worker	12.13
11360 - Window Cleaner	15.23
12000 - Health Occupations	
12010 - Ambulance Driver	16.20
12011 - Breath Alcohol Technician	16.20
12012 - Certified Occupational Therapist Assistant	22.22
12015 - Certified Physical Therapist Assistant	22.22
12020 - Dental Assistant	16.53
12025 - Dental Hygienist	39.03
12030 - EKG Technician	24.54
12035 - Electroneurodiagnostic Technologist	24.54
12040 - Emergency Medical Technician	15.50
12071 - Licensed Practical Nurse I	14.48
12072 - Licensed Practical Nurse II	16.20
12073 - Licensed Practical Nurse III	18.06
12100 - Medical Assistant	13.25
12130 - Medical Laboratory Technician	16.01
12160 - Medical Record Clerk	13.72
12190 - Medical Record Technician	15.35
12195 - Medical Transcriptionist	15.52
12210 - Nuclear Medicine Technologist	36.58
12221 - Nursing Assistant I	9.55
12222 - Nursing Assistant II	10.74
12223 - Nursing Assistant III	11.72
12224 - Nursing Assistant IV	13.16
12235 - Optical Dispenser	17.02
12236 - Optical Technician	14.79
12250 - Pharmacy Technician	15.57

12280 - Phlebotomist	13.16
12305 - Radiologic Technologist	24.15
12311 - Registered Nurse I	27.47
12312 - Registered Nurse II	33.60
12313 - Registered Nurse II, Specialist	33.60
12314 - Registered Nurse III	40.65
12315 - Registered Nurse III, Anesthetist	40.65
12316 - Registered Nurse IV	48.73
12317 - Scheduler (Drug and Alcohol Testing)	20.06
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	18.97
13012 - Exhibits Specialist II	23.59
13013 - Exhibits Specialist III	28.75
13041 - Illustrator I	18.97
13042 - Illustrator II	23.59
13043 - Illustrator III	28.75
13047 - Librarian	26.03
13050 - Library Aide/Clerk	13.05
13054 - Library Information Technology Systems Administrator	23.59
13058 - Library Technician	18.10
13061 - Media Specialist I	16.20
13062 - Media Specialist II	18.12
13063 - Media Specialist III	20.21
13071 - Photographer I	16.41
13072 - Photographer II	18.36
13073 - Photographer III	22.74
13074 - Photographer IV	27.81
13075 - Photographer V	33.65
13110 - Video Teleconference Technician	16.96
14000 - Information Technology Occupations	
14041 - Computer Operator I	16.07
14042 - Computer Operator II	17.98
14043 - Computer Operator III	20.58
14044 - Computer Operator IV	23.79
14045 - Computer Operator V	25.52
14071 - Computer Programmer I (1)	20.77
14072 - Computer Programmer II (1)	25.32
14073 - Computer Programmer III (1)	
14074 - Computer Programmer IV (1)	
14101 - Computer Systems Analyst I (1)	
14102 - Computer Systems Analyst II (1)	
14103 - Computer Systems Analyst III (1)	
14150 - Peripheral Equipment Operator	16.07
14160 - Personal Computer Support Technician	23.79
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	27.77

15020 - Aircrew Training Devices Instructor (Rated)	33.60
15030 - Air Crew Training Devices Instructor (Pilot)	40.28
15050 - Computer Based Training Specialist / Instructor	27.77
15060 - Educational Technologist	30.72
15070 - Flight Instructor (Pilot)	40.28
15080 - Graphic Artist	19.54
15090 - Technical Instructor	25.85
15095 - Technical Instructor/Course Developer	28.07
15110 - Test Proctor	18.54
15120 - Tutor	18.54
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	9.71
16030 - Counter Attendant	9.71
16040 - Dry Cleaner	12.25
16070 - Finisher, Flatwork, Machine	9.71
16090 - Presser, Hand	9.71
16110 - Presser, Machine, Drycleaning	9.71
16130 - Presser, Machine, Shirts	9.71
16160 - Presser, Machine, Wearing Apparel, Laundry	9.71
16190 - Sewing Machine Operator	13.11
16220 - Tailor	13.96
16250 - Washer, Machine	10.55
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	23.95
19040 - Tool And Die Maker	29.01
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	12.59
21030 - Material Coordinator	24.39
21040 - Material Expediter	24.39
21050 - Material Handling Laborer	12.90
21071 - Order Filler	12.83
21080 - Production Line Worker (Food Processing)	12.59
21110 - Shipping Packer	12.73
21130 - Shipping/Receiving Clerk	12.73
21140 - Store Worker I	10.45
21150 - Stock Clerk	14.89
21210 - Tools And Parts Attendant	12.59
21410 - Warehouse Specialist	12.76
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	24.34
23021 - Aircraft Mechanic I	23.12
23022 - Aircraft Mechanic II	24.49
23023 - Aircraft Mechanic III	25.80
23040 - Aircraft Mechanic Helper	17.34
23050 - Aircraft, Painter	21.81
23060 - Aircraft Servicer	19.68

23080 - Aircraft Worker	20.86
23110 - Appliance Mechanic	21.30
23120 - Bicycle Repairer	14.44
23125 - Cable Splicer	30.13
23130 - Carpenter, Maintenance	20.81
23140 - Carpet Layer	18.52
23160 - Electrician, Maintenance	27.72
23181 - Electronics Technician Maintenance I	21.67
23182 - Electronics Technician Maintenance II	23.21
23183 - Electronics Technician Maintenance III	24.75
23260 - Fabric Worker	20.20
23290 - Fire Alarm System Mechanic	24.83
23310 - Fire Extinguisher Repairer	18.63
23311 - Fuel Distribution System Mechanic	25.43
23312 - Fuel Distribution System Operator	19.09
23370 - General Maintenance Worker	17.39
23380 - Ground Support Equipment Mechanic	23.12
23381 - Ground Support Equipment Servicer	19.68
23382 - Ground Support Equipment Worker	20.86
23391 - Gunsmith I	18.63
23392 - Gunsmith II	21.74
23393 - Gunsmith III	24.83
23410 - Heating, Ventilation And Air-Conditioning Mechanic	19.61
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	
20.64	
23430 - Heavy Equipment Mechanic	22.29
23440 - Heavy Equipment Operator	23.61
23460 - Instrument Mechanic	25.43
23465 - Laboratory/Shelter Mechanic	23.29
23470 - Laborer	11.16
23510 - Locksmith	17.78
23530 - Machinery Maintenance Mechanic	25.56
23550 - Machinist, Maintenance	21.72
23580 - Maintenance Trades Helper	14.00
23591 - Metrology Technician I	25.43
23592 - Metrology Technician II	26.77
23593 - Metrology Technician III	28.20
23640 - Millwright	24.83
23710 - Office Appliance Repairer	20.29
23760 - Painter, Maintenance	17.78
23790 - Pipefitter, Maintenance	27.83
23810 - Plumber, Maintenance	26.45
23820 - Pneudraulic Systems Mechanic	24.83
23850 - Rigger	24.83
23870 - Scale Mechanic	21.74
23890 - Sheet-Metal Worker, Maintenance	24.48

23910 - Small Engine Mechanic	17.81
23931 - Telecommunications Mechanic I	24.95
23932 - Telecommunications Mechanic II	26.26
23950 - Telephone Lineman	21.76
23960 - Welder, Combination, Maintenance	19.23
23965 - Well Driller	24.83
23970 - Woodcraft Worker	24.83
23980 - Woodworker	18.63
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.13
24580 - Child Care Center Clerk	12.40
24610 - Chore Aide	10.51
24620 - Family Readiness And Support Services Coordinator	11.28
24630 - Homemaker	13.13
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	24.83
25040 - Sewage Plant Operator	23.29
25070 - Stationary Engineer	24.83
25190 - Ventilation Equipment Tender	18.71
25210 - Water Treatment Plant Operator	23.29
27000 - Protective Service Occupations	
27004 - Alarm Monitor	19.13
27007 - Baggage Inspector	15.95
27008 - Corrections Officer	23.96
27010 - Court Security Officer	25.24
27030 - Detection Dog Handler	20.01
27040 - Detention Officer	23.96
27070 - Firefighter	23.00
27101 - Guard I	15.95
27102 - Guard II	20.01
27131 - Police Officer I	27.47
27132 - Police Officer II	30.52
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	14.22
28042 - Carnival Equipment Repairer	15.19
28043 - Carnival Equipment Worker	10.65
28210 - Gate Attendant/Gate Tender	12.74
28310 - Lifeguard	10.82
28350 - Park Attendant (Aide)	14.24
28510 - Recreation Aide/Health Facility Attendant	10.32
28515 - Recreation Specialist	17.52
28630 - Sports Official	11.34
28690 - Swimming Pool Operator	20.45
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	22.98
29020 - Hatch Tender	22.98

29030 - Line Handler	22.98
29041 - Stevedore I	21.34
29042 - Stevedore II	24.61
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (2)	33.96
30011 - Air Traffic Control Specialist, Station (HFO) (2)	23.42
30012 - Air Traffic Control Specialist, Terminal (HFO) (2)	25.79
30021 - Archeological Technician I	16.13
30022 - Archeological Technician II	17.66
30023 - Archeological Technician III	21.88
30030 - Cartographic Technician	23.16
30040 - Civil Engineering Technician	22.53
30061 - Drafter/CAD Operator I	14.59
30062 - Drafter/CAD Operator II	16.75
30063 - Drafter/CAD Operator III	18.68
30064 - Drafter/CAD Operator IV	22.40
30081 - Engineering Technician I	14.86
30082 - Engineering Technician II	16.68
30083 - Engineering Technician III	18.66
30084 - Engineering Technician IV	23.12
30085 - Engineering Technician V	28.28
30086 - Engineering Technician VI	35.66
30090 - Environmental Technician	20.31
30210 - Laboratory Technician	21.73
30240 - Mathematical Technician	20.22
30361 - Paralegal/Legal Assistant I	16.69
30362 - Paralegal/Legal Assistant II	19.89
30363 - Paralegal/Legal Assistant III	22.99
30364 - Paralegal/Legal Assistant IV	27.82
30390 - Photo-Optics Technician	20.22
30461 - Technical Writer I	18.56
30462 - Technical Writer II	22.70
30463 - Technical Writer III	27.47
30491 - Unexploded Ordnance (UXO) Technician I	21.58
30492 - Unexploded Ordnance (UXO) Technician II	26.11
30493 - Unexploded Ordnance (UXO) Technician III	31.30
30494 - Unexploded (UXO) Safety Escort	21.58
30495 - Unexploded (UXO) Sweep Personnel	21.58
30620 - Weather Observer, Combined Upper Air Or Surface Programs (2)	18.68
30621 - Weather Observer, Senior (2)	20.75
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	11.43
31030 - Bus Driver	16.99
31043 - Driver Courier	12.28
31260 - Parking and Lot Attendant	10.18
31290 - Shuttle Bus Driver	12.63

31310 - Taxi Driver	11.88
31361 - Truckdriver, Light	12.49
31362 - Truckdriver, Medium	14.03
31363 - Truckdriver, Heavy	18.29
31364 - Truckdriver, Tractor-Trailer	18.29
99000 - Miscellaneous Occupations	
99030 - Cashier	10.24
99050 - Desk Clerk	9.13
99095 - Embalmer	21.58
99251 - Laboratory Animal Caretaker I	12.19
99252 - Laboratory Animal Caretaker II	13.28
99310 - Mortician	21.58
99410 - Pest Controller	19.35
99510 - Photofinishing Worker	11.34
99710 - Recycling Laborer	13.41
99711 - Recycling Specialist	16.38
99730 - Refuse Collector	11.97
99810 - Sales Clerk	12.30
99820 - School Crossing Guard	11.93
99830 - Survey Party Chief	23.63
99831 - Surveying Aide	14.85
99832 - Surveying Technician	20.32
99840 - Vending Machine Attendant	16.41
99841 - Vending Machine Repairer	20.45
99842 - Vending Machine Repairer Helper	16.41

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.24 per hour or \$129.60 per week or \$561.60 per month

VACATION: 2 weeks paid vacation after 1 year of service with a Contractor or successor; 3 weeks after 5 years, 4 weeks after 10 years, and 5 weeks after 20 years. Length of service includes the whole span of continuous service with the present Contractor or successor, wherever employed, and with the predecessor Contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A Contractor may substitute for any of the named holidays another day off with pay in

accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you

work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am.

If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract

(either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The Contractor or subContractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all Contractors and subContractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the Contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE
RATE {Standard Form
1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the Contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the Contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the Contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the Contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the Contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the Contractor.
- 6) The Contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

**ATTACHMENT 5: HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS
MATRIX**

Services listed in the *Hanford Site Services and Interface Requirements Matrix* (Matrix) shall be performed in accordance with the Section H Clause entitled, *Hanford Site Services and Interface Requirements Matrix*.

Legend for Matrix – The Legend for the primary Matrix users/providers is as follows:

MSC	Mission Support Contract(or)
PRC	Plateau Remediation Contract(or)
TOC	Tank Operations Contract(or)
WTP	Waste Treatment and Immobilization Plant (Contractor)
RCCC	River Corridor Closure Contract(or)
Other Site Users	Examples include: AdvanceMed Hanford (AMH), Contractor (Contractor), Del Sol, Johnson Controls, Pacific Northwest National Laboratory (PNNL) [activities located on the Hanford Site], Metal Benders, Tri-City & Olympia Rail, Unitech Services Group, Westech, DOE, etc.

Types of Interfaces –

1. Information (I): knowledge (data, facts, etc) gathered or supplied
2. Physical (P): systems in tangible contact (i.e., 'pipe-to-pipe'), or a physical exchange of product or materials
3. Service (S): provision of work for another Contractor

MSC SERVICES AND INTERFACE ACTIVITIES**MSC General Requirements**

Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Infrastructure and Services Alignment Plan (ISAP), and the Annual Forecast of Services and Infrastructure (including the <i>Hanford Site Services and Interface Requirements Matrix</i>)	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC		MSC bears the cost burden of program administration; Hanford Site Contractors/users bear internal implementation costs
		<p>ISAP is the strategic plan for right-sizing the infrastructure to support the future Hanford Site mission and the <i>Annual Forecast of Services and Infrastructure</i> is a projection of needed utilities, services, and infrastructure from other Hanford Site Contractors.</p> <ul style="list-style-type: none"> • MSC shall develop, maintain and update an ISAP and the <i>Annual Forecast of Services and Infrastructure</i>, which includes the costs for services. Proposed changes in service providers shall include a justification, and a plan forward, • MSC shall solicit input from Hanford Site Contractors/users for the ISAP and the <i>Annual Forecast of Services and Infrastructure</i>, including projection of need for services and proposed performance metrics/controlling agreements for the service provider. • DOE will evaluate Contractor/user input prior to approval. The plan will be approved by DOE 							
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Hanford Site Interface Management Plan	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs

		<i>Hanford Site Interface Management Plan</i> is the controlling agreements that ensure effective control of technical, administrative, and regulatory interfaces. <ul style="list-style-type: none">MSC shall develop and maintain the <i>Hanford Site Interface Management Plan</i>MSC shall collaborate with the Hanford Site Contractors/users on the <i>Hanford Site Interface Management Plan</i>.PRC, TOC, and MSC shall sign the <i>Hanford Site Interface Management Plan</i>.							
Safety, Security and Environment									
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Protective Forces	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (Optional for PNNL off Hanford Site)	Atomic Energy Act of 1954, as amended CRD M 470.4-1, <i>Safeguards & Security Program Planning and Management</i> CRD M 470.4-3, <i>Protective Force</i>	Funded through MSC; provided at no cost to Hanford Site Contractors.
		Protective Forces provides security for facilities possessing critical Safeguards and Security interests (e.g., special nuclear material). Coverage is provided 24/7 via the Hanford Patrol. <ul style="list-style-type: none">MSC shall provide Protective Force operations.Hanford Site Contractors shall provide facility, operational, and system configuration changes that may affect Protective Force operations.							

Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Physical Security (PSS) Systems (<i>Nuclear Material, Special Nuclear Material, and Classified Matter</i>)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (Optional for PNNL for property & materials off Hanford Site)	Atomic Energy Act of 1954, as amended CRD M 470.4-2, <i>Physical Protection</i> CRD O 470.3A, <i>Design Basis Threat Policy</i>	Funded through MSC; provided at no cost to Hanford Site Contractors with the exception of physical security upgrades within the facility – these may be shared costs between the MSC and the Hanford Site Contractor that has responsibility for the facility.
<p>Physical Security under this activity is for accountable quantities of nuclear and classified materials, including performance testing, intrusion detection, entry/access control, explosive detection, locksmith services, and engineering and maintenance of the physical security and access control systems.</p> <ul style="list-style-type: none"> • MSC shall provide Security Representatives for facilities or groups of facilities where there are important safeguards and security (SAS) assets. • MSC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of Asset Protection Agreements. • MSC shall design security system upgrades for existing facilities with changing requirements and design security systems for new facilities. • MSC shall provide locksmith support for installation, replacement, and maintenance of locks, keys, and access control systems for the protections of Government property and nuclear materials, including special nuclear materials, classified matter, etc. • Hanford Site Contractors shall provide the MSC information about SAS arrangements and/or changes prior to new operations commencing, or changing operations or configurations that might alter the performance of existing SAS systems; support the MSC in the development of or update of facility <i>Asset Protection Agreements</i>, and requesting locksmith services. 									

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Physical Security Systems (Government Property)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Atomic Energy Act of 1954, as amended CRD M 470.4-2, <i>Physical Protection</i> CRD O 470.3A, <i>Design Basis Threat Policy</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear costs of physical security upgrades. If used by PNNL off Hanford Site, they pay full-cost.
Physical security under this activity is for Government property other than nuclear material, special nuclear material, and classified. Physical Security such as fences, locks, etc. through <i>Asset Protection Agreements</i> . <ul style="list-style-type: none"> MSC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of <i>Asset Protection Agreements</i>. Hanford Site Contractors shall support the MSC in the development of or update of facility <i>Asset Protection Agreements</i> and implement those agreements. 									
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Information Security - (Operations Security (OPSEC))	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (only DOE)	Atomic Energy Act of 1954, as amended CRD M 470.4-4, <i>Information Security</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs

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		<p>The OPSEC Program helps ensure that sensitive information is protected from compromise and secured from unauthorized disclosure, and provides management with necessary information required for sound risk management decisions concerning the protection of sensitive information.</p> <ul style="list-style-type: none"> MSC shall implement a Hanford Site-wide program; assure conformity of implementation with OPSEC standards and requirements; conduct assessment(s) of all Hanford Site facilities having Category I special nuclear material (SNM) (or credible roll-up to Category I SNM); conduct reviews of all Hanford Site facilities that have the potential to process or store classified or sensitive information; and conduct the <i>Annual Site OPSEC Threat Assessment</i> and prepare the annual <i>OPSEC Plan</i>. Hanford Site Contractors shall implement their internal OPSEC responsibilities, participate and support Hanford Site-wide OPSEC Working and Awareness groups; provide support to the MSC OPSEC assessments; and support the <i>Annual Site OPSEC Threat Assessment</i> and preparation of the annual <i>OPSEC Plan</i>. 							
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Information Security - Classified Matter Protection and Control (CMPC); Classification, Declassification and UCNI Program	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	Atomic Energy Act of 1954, as amended CRD M 470.4-4, <i>Information Security</i>	MSC bears the burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>The CMPC Program establishes control and accountability requirements for classified matter, marking of classified matter, reproduction, receipt and transmission, and destruction; and, physical protection requirements for classified matter in storage.</p> <ul style="list-style-type: none"> MSC shall provide a centralized CMPC, Classification, Declassification and Unclassified Controlled Nuclear Information (UCNI) Program that includes operation and management of the Classified Document Control Center and management of classified information in the records holding area. Hanford Site Contractors shall be responsible for maintaining an updated list of security containers, locations and custodians; support investigation of any incidents of potential or actual compromise of classified; and nominate a sufficient number of Derivative Classifiers and Reviewing Officials who shall be trained and approved by the MSC. 							
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations

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I/S	Information Security - Official Use Only (OUO)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	Atomic Energy Act of 1954, as amended CRD O 471.3, <i>Identifying & Protecting Official Use Only Information</i> CRD M 471.3-1, <i>Manual for Identifying & Protecting Official Use Only Information</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>The OUO Program establishes controls to protect sensitive unclassified information as OUO.</p> <ul style="list-style-type: none"> MSC shall manage, integrate, and oversee implementation of a common Hanford Site-wide OUO program to ensure conformity of implementation by performing Hanford Site Contractors and coordination of OUO education and awareness. Hanford Site Contractors shall manage and implement an OUO information program consistent with the common Hanford Site-wide OUO information program. 							
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Personnel Security – Badging	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL	Atomic Energy Act of 1954, as amended CRD M 470.4-2, <i>Physical Protection</i>	Funded through MSC; provided at no cost to Hanford Site Contractors
		<p>A DOE security badge is utilized for all DOE and Contractor personnel to gain access to DOE-owned or -leased facilities or areas where DOE-sponsored work is ongoing.</p> <ul style="list-style-type: none"> MSC shall provide badging service for the Hanford Site, which includes manufacture, issuance, destruction, control, and accountability for DOE Standard, Hanford Specific, Temporary, and Personal Identify Verification (if applicable) badges. MSC shall coordinate and initiate “STOP ACCESS” procedures, and control and issue private vehicle passes for Property Protection Areas. Hanford Site Contractors shall obtain badging service from MSC; participate in “STOP ACCESS” program; and obtain vehicle passes from MSC. 							
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations

S	Personnel Security – Access Authorization (Security Clearance) Processing Program	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	CRD M 470.4-5, <i>Personnel Security</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>The Access Authorizations (Security Clearances) Program involves processing, granting, and allowing individuals to retain an access authorization when their official duties require access to classified information or matter, or special nuclear material (SNM).</p> <ul style="list-style-type: none"> MSC shall process all security clearances in support of Hanford Site Contractors. These activities include requesting, obtaining, maintaining, downgrading and terminating security clearances, including "Special Access" privileges (e.g., SIGMA). The clearance processing program shall include reviews of each requested clearance action to ensure adequate justification exists and that reporting requirements are met. Hanford Site Contractors shall request and obtain personnel security clearances, including "Special Access" from the MSC. 							
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Personnel Security – Human Reliability Program (HRP)	Provide service to Site Contractors	Receive service from and provide input to MSC	N/A	N/A	N/A	N/A	10 CFR 712, <i>Human Reliability Program</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>The Human Reliability Program (HRP) on the Hanford Site is designed to ensure that individuals who occupy positions affording access to special nuclear material and classified materials programs meet the highest standards of reliability and physical and mental suitability.</p> <ul style="list-style-type: none"> MSC shall coordinate and track all Hanford Site drug and alcohol testing; MSC shall notify the PRC of drug and alcohol testing results. MSC shall administer the HRP program, including initial and refresher training. PRC shall identify HRP positions, submit requests to MSC for enrollment in the Hanford Site HRP, and execute their portion of the HRP consistent with the Hanford Site HRP, as administered by the MSC. 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Personnel Security – Workplace Substance Abuse Programs (WSAP)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>The WSAP is responsible for maintaining a workplace free from the use of illegal drugs, and is applicable to DOE Contractors and their sub-Contractors in testing-designated positions performing work at Sites owned or controlled by DOE under the authority of the Atomic Energy Act of 1954.</p> <ul style="list-style-type: none"> • MSC shall administer the WSAP and set-up the procedures for testing. • MSC shall notify the respective Hanford Site Contractor of drug and alcohol testing results. • Hanford Site Contractors shall identify individuals in testing-designated positions and execute the program per the MSC procedure. 									
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Personnel Security – Foreign National Visits and Assignments (FNVA)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (except PNNL)	CRD O 142.3, <i>Unclassified Foreign Visits & Assignments</i> CRD O 142.1, <i>Classified Visits Involving Foreign Nationals</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>FNVA pertains to unclassified (and potentially classified) foreign national access to the DOE Hanford Site for information and technologies.</p> <ul style="list-style-type: none"> • MSC shall approve security plans for foreign visitors to Hanford Security areas and coordinate all FNVA requests. • Hanford Site Contractors shall notify the MSC of potential foreign visitor or assignment, and prepare and submit security plans to MSC for approval of the visit/assignment. 									

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Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Cyber Security – (Classified and Unclassified Cyber Security)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	N/A	N/A		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>Classified/Unclassified Cyber Security Program identifies and protects classified, unclassified and sensitive information generated, processed and stored for the Hanford Site.</p> <ul style="list-style-type: none"> • MSC shall provide a Hanford Site Classified Information Systems Security Officer; develop a Hanford Master Classified Information Systems Security Plan; ensure that all classified systems are certified and accredited; and implement the classified cyber security training program. • MSC shall implement a centralized Hanford unclassified computer security program. • Hanford Site Contractors shall manage and execute classified and unclassified cyber security responsibilities consistent with DOE requirements and the MSC centralized program. 									

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Nuclear Material Controls and Accountability (MC&A)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A, except for PNNL. [PNNL currently has custodianship of EM materials for RL]	Atomic Energy Act of 1954, as amended CRD M 470.4-6, <i>Nuclear Material Control and Accountability</i>	MSC bears the burden of program administration; Hanford Site Contractors bear internal implementation costs.
<p>The MC&A Program provides control and accountability of nuclear materials within DOE.</p> <ul style="list-style-type: none"> MSC shall manage and conduct a centralized MC&A program for all accountable quantities of nuclear material on the Hanford Site, and approve all implementing procedures of Hanford Site Contractors. Hanford Site Contractors shall support MSC in preparation and maintenance of a <i>Hanford Site-wide MC&A Plan</i>, administration of treaty-related activities, performance of occurrence investigation and reporting, and scheduling of periodic inventories. Hanford Site Contractors shall implement MC&A requirements per the <i>Hanford Site-wide MC&A Plan</i>. 									
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	SAS Program Management – Safeguards and Security (SAS) Awareness	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.	CRD M 470.4-1, <i>Safeguards and Security Program Planning and Management</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>SAS Awareness Program is used to inform Hanford Federal and Contractor employees, subContractors, and visitors of their SAS responsibilities and to promote continuing awareness of good security practices.</p> <ul style="list-style-type: none"> MSC shall provide SAS Awareness training for all Hanford Federal and Contractor employees, subContractors, and visitors; and conduct security training for all permanently badged employees on an initial and annual frequency to maintain appropriate levels of awareness. Hanford Site Contractors shall comply with the requirements of the Hanford Security Awareness program, as administered by the MSC. 									

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	SAS Program Management	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.	Atomic Energy Act of 1954, as amended CRD O 470.3A, <i>Design Basis Threat Policy (U)</i> CRD M 470.4-1, <i>Safeguards and Security Program Planning and Management</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>SAS Program Management provides formal organized process for planning, performing, assessing, and improving the secure conduct of work in accordance with risk-based protection strategies.</p> <ul style="list-style-type: none"> • MSC shall establish, manage, integrate and execute the processes and services that comprise the SAS Program Management, such as Program Planning, Oversight, and Administration; Security Conditions (SECON); Site Safeguard and Security Plan (SSSP); Vulnerability Assessments; Design Basis Threat; and safeguards and security training. • Hanford Site Contractors shall coordinate and interface with MSC on SAS Program Management regarding SAS technical, cost, and schedule performance; comply with SECON activities; support the Site Safeguards and Security Plan (SSSP) development, etc. • Hanford Site Contractors shall manage their internal SAS Program Management activities. 									

Type of Interface	Activity (Service - Mandatory per the MSC Statement of Work, Table C.2.1.2-1; all other services under this Activity are Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Site Training Services and HAMMER	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (Optional for PNNL)	29 CFR 1910.120; Facility-wide RCRA permit, WAC 173-303, <i>Dangerous Waste Regulation</i> ; OSHA Manual and OSHA Safety and Health Standard; and other Safety related requirements	Site Training Services are usage-based services reimbursed by the user; HAMMER base operations for the facility are at no cost to Hanford Site contractors.
		<p>Site Training Services provides training facility, curriculum, and training delivery services to Federal, Contractor, and subContractor employees in support of the Hanford and PNNL missions consistent with the DOE, local, state, and Federal workforce training requirements.</p> <ul style="list-style-type: none"> • MSC shall provide Hanford Site workers (and PNNL, as requested) training per MSC Table C.2.1.2-1, to support maintaining a qualified workforce, develop the <i>Annual Training Needs Forecast and Plan</i>, and operate the HAMMER facility. • MSC shall maintain the employee training records for training provided by MSC. • MSC shall perform mask fit services for Hanford Site Contractors. • Hanford Site Contractors shall provide training priorities, training needs, and input regarding standardized training programs. 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Fire & Emergency Response Services (Fire Prevention, Fire Suppression, Fire Investigations; Emergency Rescue; Emergency Medical Service and Patient Transport; Incident Command; and Hazardous Material and Chemical/Biological/Radiological Emergency Response)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (includes Energy Northwest. N/A for PNNL off Hanford Site)	29 CFR 1910.146 OSHA Manual CRD O 420.1B, <i>Facility Safety</i>	Funded through MSC; provided at no cost to Hanford Site Contractors.
		<p>Fire and Emergency Response Services provide fire prevention, fire suppression, fire investigations; emergency rescue; emergency medical service and patient transport; incident command; and hazardous material and chemical/biological/radiological emergency response for the Hanford Site.</p> <ul style="list-style-type: none"> MSC shall provide 24/7 fire-related protection of human life, property, and facilities; and operates basic and advanced life support emergency medical services. MSC shall act as the Site Incident Command Agency for all fires and hazardous/radiological materials emergencies on the Hanford Site. Hanford Site Contractors shall support facility access to the MSC fire services personnel, and notify the Fire Department of work activities, events, incidents, etc., that may require Fire Services involvement and/or response (e.g., medical assistance, hazardous or radiological emergency help, etc.). 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)		PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Fire & Emergency Response Services (Fire Protection System Inspection, Testing, and Maintenance)	Receive service from and provide input to MSC		Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (RFAR only)	Receive service from and provide input to MSC	Receive service from and provide input to MSC	29 CFR 1910.146 OSHA Manual CRD O 420.1B, <i>Facility Safety</i>	MSC is direct-funded to maintain fire alarm systems for each Hanford Site Contractor. Hanford Site Contractors are required to provide their own hardware projects.
		<p>Fire and Emergency Response Services also includes fire protection system inspection, testing, and maintenance of existing and new fire systems for the Hanford Site, including backflow prevention devices.</p> <ul style="list-style-type: none"> MSC shall provide a Fire Marshal with authority for fire protection system inspection, testing, and maintenance; respiratory protection services; building inspections; ignitable and reactive waste site inspections; pre-fire planning; etc. Hanford Site Contractors shall be required to use certain mandatory Fire Services from the MSC Contractor in performance of this work scope (e.g., fire systems inspection, testing, etc.) consistent with the MSC. 								

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)		PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)	Provide service to Site Contractors		Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	DOE/RL-94-02, <i>Hanford Emergency Management Plan</i> CRD O 151.1C, <i>Comprehensive Emergency Management System</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs.
		<p>Emergency Operations consists of the Hanford Site-wide Emergency Preparedness (EP) program, which includes operation of the Emergency Operations Center (EOC), Joint Information Center (JIC) hazards surveys and hazards assessments, training of EOC staff, Hanford Site-wide exercises, and facility-specific plans and procedures for EP development, training, drills and assessments.</p> <p>MSC shall:</p> <ul style="list-style-type: none"> • Coordinate, integrate, and maintain a centralized Hanford Site EP Program. • Provide instruction in accordance with DOE/RL-94-02, <i>Hanford Emergency Management Plan</i> to all Hanford Site Contractors and their subContractors. • Conduct or support emergency management surveillances and assessments and work with the Hanford Site Contractors for corrective action implementation. • Establish procedures and provide direction and coordination for the Hanford Site Occurrence Reporting Program. <p>Hanford Site Contractors shall develop, maintain, and execute an Emergency Management Program as described in DOE/RL-94-02, <i>Hanford Emergency Management Plan</i> for facilities and waste sites under their control.</p>								

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)		PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Emergency Operations (Event Reporting; and Occurrence Notification Center)	Provide service to Site Contractors		Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	CRD O 231.1A, <i>Environment, Safety and Health Reporting</i> CRD M 231.1-1A, <i>Environment, Safety, and Health Reporting</i> CRD O 450.1, <i>Environmental Protection Program</i> DOE O 5400.5, <i>Radiation Protection of the Public and the Environment</i>	MSC bears the burden of program administration; Hanford Site Contractors bear internal implementation costs.
<p>Event Reporting is provided to ensure that DOE is kept fully informed about events that could adversely affect the health and safety of the public or the workers, the environment, the intended purpose of the facilities, or the credibility of the DOE.</p> <ul style="list-style-type: none"> MSC shall operate the Hanford Site-wide Occurrence Notification Center (ONC). Hanford Site Contractors shall report their environmental, safety, and health events and related information directly to DOE and to the ONC. 										

Type of Interface	Activity (Interface & Service - Mandatory)	MSC (Service Provider)		PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Site Safety Standards (Common Safety Processes)	Provide service to Site Contractors		Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	10 CFR 851.11, <i>Development and Approval of the Worker Safety and Health Program</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs.
<p>Site Safety Standards are to be used by Hanford Site Contractors to ensure common processes for worker safety.</p> <ul style="list-style-type: none"> • MSC shall obtain affected Hanford Site Contractor approval and establish common safety processes on the Hanford Site per MSC Table C.2.1.2-1. • MSC shall maintain a site-wide web-based system with input from other Hanford Contractors for sharing operating experiences and lessons learned with a focus on preventing recurrence of safety or reliability events, and to share good work practices in accordance with DOE O 210.2. • MSC, PRC, and TOC shall work collaboratively and build coalitions with Hanford Site Contractors and workers to continue to build a strong and enduring safety culture. Based on input from Hanford Site Contractors and workers, the MSC with the PRC and TOC shall identify DOE opportunities to enhance and measure the Hanford safety culture. • MSC shall manage and administer Hanford Site safety activities/initiatives, such as, Annual Safety Exposition, Hanford Worker Electrical Safety Board, etc., as approved by DOE. • Affected Hanford Site Contractors shall approve common safety standards and develop internal implementing procedures, and participate in Hanford Site safety activities/initiatives, where appropriate, as administered by MSC. 										

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Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)		PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Radiological Assistance (RAP)	Receive input from Site Contractors		Provide staff and equip. to MSC	Provide staff and equip. to MSC	N/A	N/A	N/A (except for PNNL)	DOE O 5530.3, <i>Radiological Assistance Program</i>	MSC bears the cost burden of program administration to include travel; PRC and TOC bear costs of personnel and equipment.
		<p>RAP provides first-responder radiological response capabilities 24/7 for the Hanford Site and Region 8 (states of Alaska, Oregon, and Washington).</p> <ul style="list-style-type: none"> MSC shall maintain and implement a first-responder radiological assistance that includes plans, procedures, resources and 24/7 response capabilities for Region 8 in support of the DOE Regional Response Coordinator. PRC and TOC shall provide qualified personnel, technical expertise, equipment, and support to the DOE Region 8 RAP to ensure maintenance and staffing of emergency teams with the ability to respond under the direction of DOE National Nuclear Security Administration (NNSA) and the U.S. Department of Homeland Security. 								

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)		PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Environmental Regulatory Management (<i>Site-wide permits, permit applications, and reports; Site-wide NEPA documents; Site-wide environmental reports; Site-wide (environmental) Quality Assurance standards; allocation of permit limits</i>)	Provide service to Site Contractors		Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Environmental Regulatory Management ensures a Site-wide environmental program which is compliant with applicable laws, regulations, DOE directives and the Section H Clause entitled, <i>Environmental Responsibility</i>.</p> <p>MSC shall establish and provide Site-wide management, administration, integration, permitting and compliance in coordination with other Hanford Site Contractors. The MSC shall obtain concurrence from affected Hanford Site Contractors for Site-wide environmental documents.</p> <p>Hanford Site Contractors shall:</p> <ul style="list-style-type: none"> • Provide input for the Site-wide Environmental Management System (EMS) Program Management Plan. • Integrate their environmental permitting and regulatory compliance activities with the Hanford site-wide permitting and compliance framework maintained by the MSC. • Provide appropriate and timely input to the MSC and other designated Hanford Site Contractors for regulatory required Site-wide environmental reports and metrics for their facilities and activities. • Support MSC in their Site-wide environmental regulatory management roles. • Provide legally and regulatory required air and liquid effluent and near facility environmental monitoring; collect, compile, and/or integrate air and liquid effluent monitoring data from operations and activities under their control. • Provide appropriate environmental data for its facility and operable units to support Hanford Site assessments and preparation of the annual Hanford Site Environmental Report. Obtain unit specific permit modifications in coordination with the MSC. 								

Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Seismic Monitoring Services	Provide service to Site Contractors	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	CRD O 420.1, <i>Facility Safety</i> DOE Guide 420.1-1, <i>Section 4.7, "Emergency Preparedness and Emergency Communications"</i>	Funded through PNNL; provided at no cost to Hanford Site Contractors
<p>Seismic Monitoring Services are required to operate the Hanford Site seismic network and provide report activities as needed. This information is utilized for operational facilities, to support new facility design and for emergency operations activities.</p> <ul style="list-style-type: none"> • PNNL shall maintain seismic sensors and systems, monitor seismic activity and report seismic activities on the Hanford Site. • PNNL shall provide seismic information to Hanford Site Contractors upon request. • Hanford Site Contractors shall request and provide requirements for services when necessary. 										
Type of Interface	Activity (Interface)	PNNL	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Hanford Environmental Oversight (HEO)	Receive input from Site Contractors	Deliver input to PNNL	Deliver input to PNNL	Deliver input to PNNL	Deliver input to PNNL	Deliver input to PNNL	Deliver input to PNNL	DOE O 5400.5, <i>Radiation Protection of the Public and the Environment</i> CRD O 450.1, <i>General Environmental Protection</i>	PNNL bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>HEO provides program management, coordination and integration of Public Safety and Resource Protection (PSRP) functions. HEO also provides technical and administrative support to DOE associated with the PSRP program including Natural Resource Trustee activities.</p> <ul style="list-style-type: none"> • PNNL shall provide annual updates of the <i>Hanford Site National Environmental Policy Act (NEPA) Characterization Report</i>. • Hanford Site Contractors shall provide to PNNL appropriate environmental data for its facility and operable units to support Hanford Site assessments and preparation of the <i>Hanford Site NEPA Characterization Report</i>. 										

Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Meteorological and Climatological Services	Provide service to Site Contractors	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL		PNNL bears the cost, except for special-use information requested by Site Contractors
<p>The Hanford Meteorological Monitoring System includes 30 monitoring stations on the Hanford Site and provides accurate and timely weather information that enable safe conduct of activities and emergency response.</p> <ul style="list-style-type: none"> • PNNL shall provide all standard, weather-related information for Hanford Site Contractors, providing detailed around-the-clock, easily retrieved and understood, real time meteorological data. This includes forecasts, heat indices, historical information, etc. • PNNL shall maintain and operate the Hanford Meteorological Monitoring system. PNNL may be requested to provide special-use information by Site Contractors. • Hanford Site Contractors shall request and provide requirements for service. 										

Type of Interface	Activity (Interface)	PNNL	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Environmental Surveillance	Receive input from and provide information to Site Contractors	Receive information from and provide input to PNNL	Receive information from and provide input to PNNL	Receive information from and provide input to PNNL	Receive information from and provide input to PNNL	Receive information from and provide input to PNNL	Receive information from and provide input to PNNL as applicable	DOE O 5400.5 CRD O 450.1 <i>Clean Water Act</i> <i>Clean Air Act</i>	PNNL bears the cost burden of program administration; Hanford Site Contractors bear internal implementation and request for services costs.
<p>Environmental Surveillance consists of near-field and far-field multimedia environmental monitoring to measure the concentration of radionuclides and chemicals in environmental media and assess the integrated effects of these materials on the environment and the public.</p> <ul style="list-style-type: none"> • PNNL shall assess impacts and risks of contaminants on human health in order to prepare the annual <i>Hanford Site Environmental Report</i> and the <i>Hanford Site Environmental Surveillance Master Sampling Schedule</i>; and align the surface environmental surveillance with the needs of the environmental clean-up, restoration, and assessment activities at the Hanford Site. • PNNL shall assess impacts and risks of Hanford contaminants on human health and the environment in support of Hanford cleanup activities as requested. Data and analysis shall be made available to the Hanford risk assessment activities. • Hanford Site Contractors shall provide appropriate input to support PNNL preparation of the annual <i>Hanford Site Environmental Report</i> and <i>Hanford Site Environmental Surveillance Master Sampling Schedule</i> 										

Type of Interface	Activity (Interface & Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Ecological Monitoring and Compliance – Site Wide	Provide service to Site Contractors	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL as applicable	<i>Endangered Species Act</i> <i>Migratory Bird Treaty Act</i> Hanford Site Resource Management Plan	PNNL bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Ecological Monitoring and Compliance is to achieve compliance with ecological resource-related legal and regulatory requirements; Biota is monitored to assess the abundance, vigor, or condition, and distribution on the Hanford Site.</p> <p>PNNL shall:</p> <ul style="list-style-type: none"> Assess the impacts to biological resources from Hanford Site operations and legacy contaminants to the environment and monitor the abundance, vigor, and distribution of plant and animal populations on the Hanford Site. This includes baseline surveys of protected biological resources, species, and habitats within key areas of the Hanford Site where the majority of routine operations and clean-up are conducted. Conduct ecological compliance reviews for Hanford Site Contractors. <p>Hanford Site Contractors shall:</p> <ul style="list-style-type: none"> Allow access to the Ecological Monitoring and Compliance activity for the purpose of collecting information and samples. Provide ecological information to the PNNL from their sampling activities such as CERCLA/RCRA risk assessments 								

Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Cultural and Historic Resource Program	Provide service to Site Contractors	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Receive service from and provide input to PNNL	Provide input to PNNL	Receive service from and provide input to PNNL as applicable	<i>National Historic Preservation Act (NHPA), American Indian Religious Freedom Act Archaeological Resources Protection Act Native American Graves Protection and Repatriation Act</i>	PNNL bears the cost burden of program administration; Hanford Site Contractors bear internal implementation and request-for-services costs
<p>The Cultural and Historic Resource Program administers the program for protecting Hanford Site cultural and historic resources, and documents and addresses any real or potential Site-wide issues and their impacts; and assures compliance with associated laws, DOE directives, and legally-binding agreements.</p> <ul style="list-style-type: none"> PNNL shall monitor and support the resource protection activities of Hanford Site Contractors; coordinate surveys performed to document the occurrence of protected resources; evaluate and document impacts to protected resources; perform NHPA Section 106 Reviews for Hanford Site Contractors; maintain, establish procedures for and manage Hanford Site cultural and historic resource site files (hard copy and electronic) and associated compliance project files for all such work that occurs at the Hanford Site; and curate files and artifacts in accordance with 36 CFR 79. Hanford Site Contractors shall provide information to the PNNL necessary to perform NHPA Section 106 Reviews for their scope of work, and provide to PNNL information and materials to support PNNL execution of the <i>Comprehensive Land Use Plan's (CLUP) Cultural & Historic Resource Program Plan</i>. In particular, mission Contractors (who meet 36 CFR 61 standards and guidelines) shall utilize the PNNL project records and files for background research. 										

Type of Interface	Activity (Service - Mandatory)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Radiological Site Services (RSS)	Provide service to Site Contractors	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	Receive service from PNNL	DOE and national quality control requirements	RSS is a usage-based service reimbursed by the user
<p>Radiological Site Services (RSS) is a fully-integrated and documented set of radiological support programs which provide the technical support, dosimetry, data, and records necessary to demonstrate compliance with required radiological monitoring and to verify the adequacy of Site radiological control programs in protecting the health and safety of workers, the public, and the environment. The RSS includes the Hanford External Dosimetry Program, the Hanford Internal Dosimetry Program, the Hanford Radiological Instrumentation Program, and the Hanford Radiological Records Program.</p> <p>PNNL shall provide:</p> <ul style="list-style-type: none"> • Accredited external dosimetry services, including technical support, documentation, and dosimeters, and based on the types and quantities of external dosimetry required by all key customers. • Accredited internal dosimetry services, including technical support, documentation, and analyses, and based on the types and quantities of internal dosimetry required by all key customers. • Calibration, maintenance, and repair services for a broad range of portable and semi-portable radiological instrumentation, including technical support and documentation, and based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by all key customers, • Management and preservation of current and former radiation monitoring records for DOE (and predecessor agencies) employees, Hanford Contractors, sub-Contractors, and visitors, including records of existing and past Hanford Site radiation dosimetry policies and practices. <p>Hanford Site Contractors shall request, and provide requirements for, service.</p>										

Site Infrastructure And Utilities									
Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Analytical Services (Chemical and Low-Level Radiological Analysis)	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable	WAC 173-50, <i>Accreditation of Environmental Laboratories</i> WAC 173-40, <i>Air Operating Permit</i>	Sample Analysis is a usage-based service reimbursed by the user; WSCF Laboratory fixed costs for maintaining the facility in a ready-to-serve capacity are at no cost to Hanford Site contractors
		Analytical Services performs chemical and low-level radiological analysis on a variety of sample media. These services are performed at the Hanford Waste Sampling and Characterization Facility (WSCF). <ul style="list-style-type: none"> MSC shall operate the WSCF. Hanford Site Contractors shall request analytical services as needed. 							
Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Biological Controls	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable	WAC Chapter 16-752 CRD O 450.1, <i>Environmental Protection Program</i> DOE O 5400.5, <i>Radiation Protection of the Public and the Environment</i>	Basic service funded through MSC; provided at no cost to Hanford Site Contractors. Hanford Site Contractors may negotiate additional services beyond direct funded basic service
		Biological Controls is a service to control noxious weeds, industrial weeds, other vegetation, and animal pests. The program controls vegetation on approximately 2000 acres, traps and removes animals, and eliminates insect infestations. <ul style="list-style-type: none"> MSC shall provide a Hanford Site-wide biological control program. Hanford Site Contractors shall request support as needed. 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Crane and Rigging	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable (Optional for PNNL)	DOE-RL-92-36, Rev. 1	<p>Providing technical support and maintaining Site hoisting and rigging requirements; and the facility and equipment maintenance, consumables and operations support to maintain the Rigging Services Facility in a ready-to-serve capability are at no cost to Hanford Site Contractors.</p> <p>Equipment and labor provided for services including hoisting, rigging, scaffolding erection, inspections, load tests, equipment hauling, below the hook fabrications, and guzzler operations are usage based services reimbursed by the user.</p>
<p>The Crane and Rigging is a ready-to-serve, centralized pool of equipment and manpower for the Hanford Site.</p> <ul style="list-style-type: none"> MSC shall provide a mobile crane pool, a regulated and non-regulated guzzler; coordinate rental and movement of cranes, preventative maintenance inspections and scheduling of necessary repairs; and supervises crane crews. Hanford Site Contractors shall request and provide requirements for service. 									

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Facility Services	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive (limited) service from and provide input to MSC	N/A	N/A	Receive service from and provide input to MSC as applicable (N/A for PNNL)	CRD O 430.1B, <i>Real Property Asset Management</i>	Management and administrative oversight of facility services is provided at no cost to Hanford Site Contractors. Labor and materials provided for specified services are usage based and will be reimbursed by the user.
<p>Facility Services is a central maintenance function for non-radiological facilities, which includes facility painting, sign painting, carpentry, refrigerated equipment service, insulation, pipefitting, electrical, sheet metal, instrumentation, cement finishing, glazier work, custodial, locksmith, movers, and equipment calibration.</p> <ul style="list-style-type: none"> MSC shall provide management and administrative oversight for all requested facility activities, including planning and directing the work. MSC shall provide for the following facility services in support of the Hanford Site projects and Contractors: facility painting, sign painting, carpentry, refrigerated equipment service, insulation, pipefitting, electrical, sheet metal, instrumentation, cement finishing, glazier work, custodial, movers, equipment calibration, and HVAC maintenance and repair. PRC and other Site users shall request and provide requirements for service. <p>TOC shall only receive Refrigerated Equipment Service and Movers Service from and provide input to MSC</p>									

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Motor Carrier Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from and provide input to MSC as applicable (N/A for PNNL)	CRD O 460.1B, <i>Packaging and Transportation Safety</i> CRD O 460.2A, <i>Departmental Materials Transportation and Packaging Management</i>	Management and administration oversight of transportation services is provided at no cost to Hanford Site Contractors. Labor and materials provided for specified services are usage-based and will be reimbursed by the user.
<p>Motor Carrier Services provides ready-to-serve, centralized pool of vehicles and drivers for the on-site or local transportation of freight including hazardous material at the Hanford Site, including radioactive materials and radioactive/mixed waste.</p> <ul style="list-style-type: none"> • MSC shall manage, schedule, and conduct motor carrier services, with exception of shipments to ERDF. • MSC shall maintain and operate a centralized pool of vehicles and drivers for the on-site and limited local transportation of freight including hazardous and radioactive materials at the Hanford Site. • Hanford Site Contractors who are customers of this service prepare the waste for transport including shipper/receiver agreement documents, transportation documents for packaging, transportation and receipt by the receiving facility. 									

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Fleet Services	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable	41CFR102-34, <i>Motor Vehicle Management</i> 41CFR109-38, <i>Motor Equipment Management</i>	Facility maintenance, consumables & ops. support to maintain the Fleet Equipment Maintenance Shop, associated buildings, and Materials Storage Building in a ready-to-serve capability at no cost to Site Contractors. Acquisition, control, assignment, and disposal of DOE fleet equipment is also at no cost to Site Contractors. Providing fuel, fuel delivery, and maintenance parts and labor for DOE-owned equipment is a usage based service reimbursed by the user. Maintenance labor and parts for vehicles leased from GSA will be reimbursed by GSA based on GSA service rates.

		<p>Fleet Services administers and manages a fleet of motorized vehicles including sedans, busses, ambulances, tractors, flatbeds, dump trucks, tool vans, utility maintenance vans, cab and chassis, trailers, wreckers, and fuel tankers.</p> <ul style="list-style-type: none"> MSC shall provide management and coordination, statistical usage tracking, and reporting on GSA-leased vehicles and DOE-owned vehicles/equipment; perform vehicle repair and modification services as required (e.g., in the 200 area); and perform record-keeping, vehicle assignment, ensuring vehicle utilization, and excess/disposal of fleet vehicles and parts. Some vehicles are designated as “regulated” due to contamination and are required to be serviced within radiologically-controlled areas. Hanford Site Contractors shall request and provide requirements for service and those using Fleet Services shall provide report input such as the <i>Transportation Management Scorecard</i>.
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Type of Interface	Activity (Service - Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P/S	Railroad Services	Coordinate service	Request service from MSC	Request service from MSC	Request service from MSC	Request service from MSC	Request service from MSC	CRD O 460.1B and applicable regulations of the Federal Railway Administration(49 CFR Parts 200-268)	MSC sub-contracted costs are passed thru to Hanford Site Contractors receiving the service; Hanford Site Contractors receiving the service pay for loading/off-loading of shipments
		<p>The Hanford railroad system consists of approximately 40 miles of Class II track and one signal crossing between Horn Rapids Road and the 200W Area..</p> <ul style="list-style-type: none"> MSC determines requirements for future use on the Hanford Site and coordinates with Hanford Site Contractors, projects, and off-Site entities prior to and during any on-site rail movements, including placement of “flaggers” at necessary intersections, taking proper security actions, and making Hanford Site notifications. Upon DOE direction, MSC shall maintain and operate the rail system on the Hanford Site. Hanford Site Contractors shall request and provide requirements for service to the MSC. 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Roads & Grounds	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (except PNNL off Hanford Site)	CRD O 430.1B, <i>Real Property Asset Management</i>	Basic service funded through MSC; provided at no cost to Hanford Site Contractors. Hanford Site Contractors may negotiate additional services for facility specific services, such as, snow removal on sidewalks
<p>Roads and Grounds consist of road maintenance, snow removal, traffic management, and common grounds maintenance service for the Hanford Site.</p> <ul style="list-style-type: none"> MSC shall maintain primary and secondary Hanford Site roadways, to include patching/paving, striping, and other services; perform maintenance of common grounds; and make recommendations to restrict access and make the appropriate notifications of restricted access or closure to DOE and other Hanford Site Contractors in the event that roads are unsafe for travel. MSC shall remove snow at primary and secondary roads and at designated facilities, parking lots, and walkways. Hanford Site Contractors may request roads and grounds services for their facilities. 									

Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P/S	Electrical Transmission, Distribution, & Energy Management	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	DOE guidance on 2005 <i>Energy Policy Act</i> BPA Network Integrated Transmission Service Agreement DOE O 430.2A Electric Reliability Standards BPA Outage Planning Process	Basic service funded through MSC; provided at no cost to Hanford Site Contractors. Direct, mission-related upgrade projects are sub-contracted by MSC and paid by the requesting Hanford Site Contractor

	<p>Electrical Transmission, Distribution, & Energy Management is the management function of the high voltage electrical utility consisting of a system for providing power to the facilities at the Hanford Site.</p> <ul style="list-style-type: none">• MSC externally supplies electrical power to Hanford Site Contractors.• MSC shall coordinate with other Hanford Site Contractors to obtain the following:<ul style="list-style-type: none">- Energy cost and consumption data for the <i>Annual Energy Conservation Performance Report</i>.- Energy cost and consumption data for the quarterly Hanford Site energy cost and consumption date entry to EMS4 database.- Facility shut down constraints and impacts due to fuel reductions for the <i>Emergency Conservation Plan</i>.- Facility electrical load information for the annual electrical load forecast.- Other facility electrical or energy information, as needed.• Hanford Site Contractors shall provide input for EMS4 database, annual Energy Conservation Performance Report, Emergency Conservation Plan, and annual electrical load forecast.• Hanford Site Contractors may enter into a service-provider relationship with the MSC and/or other utility providers for the operation, maintenance, and/or closure of all or part of their internal utility systems.• Hanford Site Contractors shall protect Hanford Site systems against disruption and damage during performance of work and support Hanford Site utility operations, maintenance, and closure of a service where appropriate. <p><u>Notes:</u></p> <ul style="list-style-type: none">• The interface point between the MSC electrical distribution system and the Hanford Site Contractors' facilities electrical system is routinely the connection at the secondary side of the building service transformer (MSC also owns the electrical meters). However, there may be some facilities where the systems interface is located at a different connection point. The interface points are identified on the electrical utility system diagrams.• The 300 Area electrical substation and electrical distribution system will be owned by the RCCC. The RCCC may request MSC to operate and maintained the 300 area substation and distribution system on a work order basis. Upon completion of the RCCC, or as directed by DOE, the substation/distribution system may be reassigned to the MSC.
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Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P/S	Water System	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	WAC 246-290, <i>Group A, Public Water Systems</i> WAC 246-291, <i>Group B, Public Water Systems</i> WAC 246-292, <i>Water Works Operator Certification</i> WAC 246-294, <i>Drinking Water Operating Permits</i> CRD O 430.1B, <i>Real Property Asset Management</i>	Hanford Site-wide water upgrades and Basic Service are funded through MSC; provided at no cost to Site Contractors. Direct, mission-related upgrade projects are paid for by the Site Contractor requiring the upgrade. For water systems outside of the MSC, water system contaminant monitoring management is a usage-based service reimbursed by the user

	<p>The Water System function is a ready-to-serve water utility service (the geographic areas to be served are the 100, 600, and 200 Areas). The 300 Area and 100N Area water systems are within the scope of the RCCC, along with the 30-inch concrete line supplying the 100F and 100H Areas, and all distribution piping connecting to the concrete main water lines supplying the 100F, 100H, 100D, 100N, and 100B Areas.</p> <ul style="list-style-type: none">• MSC shall manage the water system in accordance with agreements negotiated with the Hanford Site Contractor being served and in accordance with guidance documents cited in state regulations for water systems; and maintain the existing <i>Water System Master Plan</i>. The Plan shall document a strategy for managing repairs, life extensions, replacements, and deactivations for facilities and equipment for the water systems within the scope of this contract over a ten year planning horizon.• MSC shall provide a “purveyor” (per the Washington Administrative Code and other state regulations) for MSC water systems and the PRC 400 Area water system.• MSC shall be responsible for all aspects of the water distribution system only up to and including the first off-valve or demarcation point outside the customer’s facility or complex of facilities. The customer or facility maintains all responsibility for lines downstream of this agreed-upon point. On side-by-side multiple valve isolations and backflow assemblies, the facility assumes responsibility from the discharge side of the downstream isolation valve. For WTP, the demarcation point is the premise isolation backflow prevention at the fence line. For PFP, the demarcation point is the premise isolation backflow assembly.• MSC shall perform, as requested, backflow preventer testing and water system contaminant monitoring management for other Hanford Site Contractors (e.g., water systems outside of MSC):• Hanford Site Contractors shall input to the <i>Water System Master Plan</i> and negotiate agreements for water utility service.• PRC shall identify priority water line upgrades which would prevent further ground water degradation; MSC shall perform priority water line upgrades to prevent further ground water degradation• Upon completion of the RCCC, or at the direction of DOE, the 300 Area water system may be reassigned to the MSC. <p><u>Note:</u> The 100K Area and 400 Area Water Systems will be operated and maintained by the PRC.</p>
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Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P/S	Sewer Systems	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	WAC 246-272, 272A, 272B, <i>Large On-site Sewage Systems</i> ; WAC 173-224, <i>Sanitary Sewers</i>	Hanford Site-wide sewer upgrades and Basic Service are funded through MSC; provided at no cost to Hanford Site Contractors. Direct, mission-related upgrade projects are paid for by the Hanford Site Contractor requiring the upgrade

	<p>Sewer system operations provide sewer pumper truck services and collection of sewage through piping for treatment and disposal in subsurface soil absorption systems. The geographic areas to be served are the 600 Area and 200 Area. The 100N Area sanitary sewer system, the 100N Sanitary Sewage Lagoon, all 100 B Area, C Area, D Area, F Area, H Area, and the 200 Area ERDF sanitary sewer holding tanks, and the 300 Area sanitary sewer system are within the scope of the RCCC. The 100N Lagoon is operated by RCCC. Additionally, the RCCC pipes waste directly to the lagoon from the 100 Area operations.</p> <ul style="list-style-type: none">• MSC shall operate the Hanford Site sanitary sewer systems, including compliance sampling; maintenance of support structures, systems, and components; and performance of sewer administration duties in accordance with the State of Washington sanitary sewer regulations.• MSC shall update the existing <i>Sewer System Master Plan</i>. The Plan shall document a strategy for managing repairs, life extensions, replacements, and deactivations for facilities and equipment for the sewer systems within the scope of this contract over a ten year planning horizon and shall be updated every two (2) years.• MSC shall coordinate termination of 100N lagoon use with RCCC and determine alternate disposal operations for pumped sewer system waste.• Hanford Site Contractors shall provide input to the <i>Sewer System Master Plan</i>. <p><u>Notes:</u></p> <ul style="list-style-type: none">• The 100N Area sanitary sewer system, the 100N Sanitary Sewage Lagoon, all 100 B Area, C Area, D Area, F Area, H Area, and the 200 Area ERDF sanitary sewer holding tanks, and the 300 Area sanitary sewer system are excluded from the scope of this Contract. These sewer systems are within the scope of the RCCC. The 100N Lagoon is operated by RCCC. Additionally, the RCCC pipes waste directly to the lagoon from the 100 Area operations. Currently, waste pumped from area sewer systems are deposited in that lagoon and are expected to be available to the MSC until late 2008/early 2009. Upon completion of the RCCC, or at the direction of DOE, utilities assigned to the RCCC, may be reassigned to the MSC.• The 100K Area and 400 Area sanitary sewer systems will be operated and maintained by the PRC.
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Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Sanitary Waste Management and Disposal	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (PNNL on Hanford Site)		Usage based Service reimbursed by the user
<p>Sanitary Waste Management and Disposal function consists of waste collected from on-site dumpsters and transport to off-site landfills for disposal. This includes management and oversight of Hanford sanitary, inert and demolition waste landfills that are currently in operation or closed.</p> <ul style="list-style-type: none"> • MSC shall pick-up, inspect, and dispose of non-radioactive, non-hazardous dry waste. • Hanford Site Contractors shall request and provide requirements for service. 									

Site Business Management									
Type of Interface	Activity (Service – Mandatory and Interface)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Land-Use Planning and Management (Service mandatory only for site selection and excavation permits)	Provide service	Request service from MSC and provide input	Request service from MSC and provide input	Request service from MSC and provide input	Request service from MSC and provide input	Receive service from and provide input to MSC, as applicable	CRD O 430.1B, <i>Real Property Asset Management</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs

		<p>Land-Use Planning and Management consists of land-use planning (for the Hanford Site, in general and specific parcels) and management (including day-to-day implementation of the <i>Comprehensive Land Use Plan [CLUP]</i>).</p> <ul style="list-style-type: none">• MSC shall perform management of real property at the Hanford Site for DOE and coordinate the use of real property among Hanford Site Contractors. MSC shall perform a range of real property activities, such as conducting land-use planning for areas and specific parcels; conducting reviews and integrating land-use requests for all new facilities, infrastructure systems, land improvements, or change of land use; conducting land management activities, including day-to-day implementation of the CLUP; managing land use requirements and beneficial reuse of land; and conducting real estate activities in the out-grant and disposal of real property or interests therein.• MSC shall implement the CLUP as directed or interpreted by DOE. MSC shall assess the need for updating the existing or developing new Area Management Plans and Resource Management Plans. In coordination with other Hanford Site Contractors, the MSC shall develop new plans and update existing plans where applicable.• MSC shall administer and manage the Site Selection and Excavation Permit process.• MSC shall monitor and assess the use of real property to assure compliance with restrictions, such as institutional controls.• MSC shall manage real property by reviewing property uses, reclassifying land use and facilities, investigating and characterizing land, monitor misuse of property or encroachments, identifying orphan or unknown land uses (e.g., non-pristine land, hazards, and waste sites), dispositioning non-permitted activities; and tracking and documenting land-use occurrences and activities.• Hanford Site Contractors shall support the land-use planning and management program as administered by the MSC, including providing input to the Ten Year Site Plan (TYSP).• MSC shall develop the TYSP for the Hanford Site in coordination with other Site Contractors and in accordance with CRD O 430.1B, <i>Real Property Asset Management</i>.
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Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Long-term Stewardship	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	N/A	Hanford Site <i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i> (CERCLA) Records of Decision. CERCLA 5-Year Review criteria.	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs. Cost for sites transferred (post-remediated) to MSC are the responsibility of the MSC. Transition costs are the responsibility of the respective Hanford Site Contractor.
<p>Long-term stewardship (LTS) includes all engineered and non-engineered institutional controls designed to contain or to prevent exposures to any potential residual contamination and waste, such as surveillance activities, record-keeping activities, inspections, groundwater monitoring, ongoing pump and treat activities, cap repair, maintenance of entombed buildings or facilities, maintenance of other barriers and containment structures, access control, and posting signs.</p> <ul style="list-style-type: none"> MSC shall provide for integrated planning of LTS for the entirety of the Hanford Site. MSC shall prepare and maintain the <i>Hanford Long-Term Stewardship Plan</i>, the <i>Long Term Surveillance and Maintenance Plan</i>, and the <i>Hanford Long-Term Stewardship Information Management Plan</i>. MSC shall coordinate with Hanford Site Contractors and compile data and prepare the Hanford Site-wide assessments of institutional controls, and the Hanford Site-wide <i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i> (CERCLA) 5-year reviews including comment response. MSC shall execute LTS for those portions of the Site assigned to the MSC, with exception of groundwater monitoring, groundwater remediation activities, and ongoing pump and treat activities. Hanford Site Contractors provide information for the <i>Hanford Long-Term Stewardship Plan</i>, <i>Annual NEPA Mitigation Action Plan Accomplishments</i>, <i>IC Plan</i>, <i>Hanford Long-Term Stewardship Information Management Plan</i>, CERCLA 5-year reviews, & <i>Site Transition Plans</i>. Hanford Site Contractors shall comply with the Transition Plans for transfer of remediated sites to MSC. Hanford Site Contractors shall coordinate with the MSC in development of CERCLA RODs including institutional controls to achieve consistency with the LTS Plan. 									

Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Facility Information Management System (FIMS)	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, as applicable	CRD O 430.1B, <i>Real Property Asset Management</i>	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>DOE uses FIMS as the Complex-wide real property database for real property which provides an inventory and management tool that assists with planning and managing real property assets. FIMS is centrally managed at DOE Headquarters.</p> <ul style="list-style-type: none"> • MSC shall manage the local effort for FIMS, meeting specific, annual reporting requirements and shall be responsible for collecting data from Hanford Site Contractors in order to meet all mandatory reporting requirements. • Hanford Site Contractors deliver FIMS data and input to the <i>Comprehensive Data/Site Management Strategy</i> for spatial data. 							
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Hanford Site Structures List and Hanford Waste Site Assignment List	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs

		<p>The <i>Hanford Site Structures List (List)</i> and <i>Hanford Site Assignment List</i> is the integrated, central inventory of Hanford facilities, structures, and waste sites. DOE Hanford uses these lists for integrated planning of baselines, cost-estimating, reporting DOE Gold Chart metrics, establishing assignment of responsibility for each facility and waste site to Site Contractors, support to FIMS, HSTD (Hanford Site Technical Data Base), Caretaker, and WIDS. This activity provides for maintenance, configuration control, and upgrading of the Lists.</p> <ul style="list-style-type: none"> • MSC shall maintain the <i>Hanford Site Structures List</i> and <i>Hanford Waste Site Assignment List</i> serving as Administrator of the data, and is responsible for the platform for the data and Site-wide reporting. • MSC shall be responsible for the Site-wide configuration control process, and shall be responsible for collecting data from Hanford Site Contractors in order to meet all mandatory reporting requirements. • Proposed changes in assignment of facilities must be ratified by DOE. <p>Hanford Site Contractors deliver facilities, structures, and wastes site data and input to the <i>Hanford Site Structures List</i> and <i>Hanford Waste Site Assignment List</i>.</p> <p>The Hanford Site Contractors shall provide data and support to the MSC, for the Hanford Sites Contractor's facilities, waste sites and activities, to support maintenance of the <i>Hanford Site Structures List</i> and <i>Hanford Waste Site Assignment List</i>, Hanford Site Contractors supplying information/ data are responsible for data quality.</p>							
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Condition Assessment Surveys (CAS)	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>CAS is used to assess the current material condition of its facilities, structures, systems, and equipment, and documents maintenance deficiencies. The assessment information for each assessed item is entered into the Condition Assessment Information System (CAIS), which provides an estimate of maintenance upgrade costs.</p> <ul style="list-style-type: none"> • MSC shall manage the Hanford Site CAS/CAIS and provide for the administration of and execution of the CAS inspection program in order to accurately evaluate the existing state of specific facilities and identifying the deferred maintenance liability. • MSC shall coordinate all of the necessary inspection activities with the various site Contractors that have eligible facilities for CAS inspections. • MSC shall make the CAS data available to the mission Contractors. • Hanford Site Contractors shall enable access to MSC for conducting on-site condition assessments. 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Geospatial Information Management	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC, as applicable		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Geospatial Information (relates the visualization, measurement, and analysis of features or phenomena that occur on the earth) supports the execution of requirements for worker health, land use planning, emergency response, etc., and is available to all Hanford Site Contractors.</p> <ul style="list-style-type: none"> MSC shall develop and implement a comprehensive <i>Hanford Geospatial Information Strategy and Implementation Plan (H-GIS)</i> to ensure that all spatial data, information and documentation required for accomplishing the Hanford Site missions are captured, managed, and preserved. The MSC shall provide general and business-specific Hanford Site maps, and act as a central geospatial clearinghouse to coordinate, capture, manage, and share geospatial information, including management of the Hanford Geographical Information System (HGIS). Hanford Site Contractors deliver data to MSC and input to <i>Comprehensive Data/Site Management Strategy</i> for spatial data. 							

Type of Interface	Activity (Service - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Property Systems/- Acquisition & Materials Management	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC, as applicable (PNNL on Hanford Site)		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs and any costs associated with delivery of excess materials to the central recycling and turn-over of excess property for disposition
		<p>Property Systems/Acquisition & Materials Management consists of Site-wide processes and procedures for centralized personal property management functions, such as recycling of precious metals and processing equipment that is no longer needed through the excess property system. Tracking of all DOE-owned, Contractor-managed property (Site-wide) is accomplished by means of decentralized data entry into the primary property management site-wide database (Sunflower Asset Management System [SAMS]). The Program also manages the centralized storage and staging of equipment and inventory through the use of various on-Site warehouses.</p> <ul style="list-style-type: none"> • MSC shall provide a Site-wide Personal Property Systems and Materials Management Program that provides for tracking of accountable personal property, management of the property management database (Sunflower Asset Management System [SAMS], including providing Site-wide property management reports) and other related systems; central recycling; excess property dispositioning; and equipment transfers and loans. • MSC shall manage the (on-site) "stores" inventory warehouses. As required, the MSC shall provide for delivery of inventory items to on-Site locations managed by other Contractors. MSC shall manage the supply chain, and evaluate Site-wide demand, usage trends, and programmatic requirements to act as lead in the reduction of existing line item site inventory to the lowest achievable levels. And administer the spare parts program for the Hanford Site • Hanford Site Contractors deliver input to MSC to include warehouse requirement needs, Property Information Data Systems (PIDS) data, and Contractor Balanced Scorecard Report data; and deliver property no longer required. 							

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Type of Interface	Activity (Interface)	Pension and Savings Committee	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Hanford Site Pension Plan (HSPP) Hanford Site Savings Plan (HSSP) Hanford Employee Welfare Trust (HEWT)	Receive input from sponsoring Site Contractors and provide to MSC	Sponsor and receive input from Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	N/A	<i>Employee Retirement Income Security Act</i> Financial Accounting Standards Internal Revenue Code Internal Revenue Service Regulations FAR 31.205 DEAR 970.3102-2	MSC bears the cost burden of program administration shall be costs of each plan individually and allocated to the participating sponsors (Hanford Site Contractors)
<ul style="list-style-type: none"> MSC shall provide administration for the HSPP, HSSP, and HEWT. Hanford Site participating sponsors provide funding and deliver input to the Pension and Savings Committee whose decisions are provided to the MSC. 										

Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	External Affairs	Provide service and receive support from Site Contractors	Support MSC	Support MSC	Support MSC	Support MSC	Support MSC		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>External Affairs includes assistance to DOE in its programs to communicate with outside entities for Hanford Site tours.</p> <ul style="list-style-type: none"> • MSC shall work with DOE to strategize, plan, arrange logistics for and conduct or support Hanford Site tours and visits to projects/facilities by external parties as requested. • MSC shall provide transportation, badging coordination, working with other Site Contractors, as needed, and providing guides/speakers, handouts, and refreshments, as appropriate or as requested. • Hanford Site Contractors shall provide technical staff support to MSC when their facilities or waste sites are visited, to include guides/speakers, and handouts, appropriate, when the tour involves respective Hanford Site Contractor workscope. • MSC shall support DOE's management of the Hanford web site. 							
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	External Reviews	Receive support from Site Contractors	Support MSC	Support MSC	Support MSC	Support MSC	Support MSC as applicable		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs

		<p>External Reviews provides support to DOE during audits and assessments from outside entities having oversight responsibility for DOE-RL and DOE-ORP and their Contractors. These entities include the Defense Nuclear Facilities Safety Board, the Government Accountability Office, the DOE Office of Inspector General, and other governmental and Department of Energy oversight organizations, such as the Office of Health, Safety, and Security and Office of Enforcement.</p> <ul style="list-style-type: none"> The MSC shall support DOE-RL and DOE-ORP in hosting staff from auditing and assessing organizations, providing or coordinating required presentations, responding to information requests, and by providing required subject matter experts to respond to questions and information requests. Hanford Site Contractors shall provide support to MSC, as directed by DOE, in their External Reviews responsibilities. 							
Type of Interface	Activity (Service – Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Courier Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC, as applicable		Funded through MSC; provided at no cost to Hanford Site Contractors
		<p>Courier services for the Hanford Site includes delivery and pickup of miscellaneous items, such as calibrated instruments, medical samples, equipment to be repaired, and essential (time-sensitive, critical) documents.</p> <ul style="list-style-type: none"> MSC shall provide transportation of priority or time-sensitive documents, medical samples or supplies (i.e., serum, blood samples, medical records, etc.), calibrated instruments, new or used office machines to and from repair facilities, and pickup and shredding of classified documents. Hanford Site Contractors shall request and provide requirements for service. 							
Type of Interface	Activity (Service – Large Volume: Mandatory; Convenience Copiers: Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Reproduction Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	Optional	Optional	Optional service (except DOE)		Usage based Service reimbursed by the user.

		<p>Reproduction Services provides large volume document reproduction services and manages the convenience copier contract. Reproduction includes duplication of paper ,digitally transmitted documents, and engineering drawings; high volume copying services; color copies; forms reproduction; special bindings; tabbing, etc.</p> <ul style="list-style-type: none"> • MSC shall provide printing, duplicating, binding, and reproduction services for the Hanford Site. • Hanford Site Contractors shall be responsible for identifying convenience copier locations to the MSC and for costs incurred to utilize equipment provided through the MSC copier contract. • Hanford Site Contractors shall request and provide requirements for service. 							
Type of Interface	Activity (Service – Optional Standards - Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Multi-media Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC, as applicable	Hanford Site Multimedia Standards	Usage based Service reimbursed by the user.
		<p>Multi-media Services provides for the development, production, or acquisition of photos, videotapes, movies, audio productions, and other similar types of media.</p> <ul style="list-style-type: none"> • MSC multi-media organization shall be a centralized resource for the Hanford Site. The Contractor shall establish the standards and written procedures that shall be used by all Hanford Site Contractors and DOE to inventory photographs, videos, etc, identified as records. The standards/procedures shall direct that all photos, videos, etc. taken or acquired are indexed, and that the images/photos are merged into a Hanford Site archive or clearinghouse. • MSC shall conduct aerial photography of the Hanford Site (e.g., monthly), as directed by DOE. • Whether using MSC, or procuring outside services, Hanford Site Contractors shall: <ul style="list-style-type: none"> - Comply with Hanford Site multi-media standards; - Provide multi-media records to the MSC. 							

Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Mail Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC, as applicable	DOE G 573.1-1, <i>Mail Services Users Guide</i> 41 CFR 102–192, <i>Mail Management</i> U. S. Postal Services <i>Domestic Mail Management</i> and <i>International Mail Management</i>	Funded through MSC; provided at no cost to Hanford Site Contractors.
<p>Mail Services for the Hanford Site includes delivery to major building/locations and relies on the serviced organization/company to deliver mail to individuals within their respective organizations.</p> <ul style="list-style-type: none"> • MSC shall provide for basic mail services, including pickup and delivery of interplant and U.S. Postal mail to customers. The work scope includes the pickup, routing and delivery of interplant mail (i.e., mail that does not leave the Hanford Site). • MSC shall distribute and pickup mail at defined locations in the Contractor's facilities. • Hanford Site Contractors shall be responsible for mail distribution to Contractor staff within their facility. 									

Type of Interface	Activity (Service – Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Site Forms Management	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	N/A	Receive service from MSC (only DOE)		Funded through MSC; provided at no cost to Hanford Site Contractors.
		<p>Site Forms Management consists of a centralized and configuration-controlled forms management program that applies consistent design and utilizes the use of electronic forms in gathering of electronic record information to electronic records systems.</p> <ul style="list-style-type: none"> • MSC shall administer the Hanford Site forms management system and process, and design electronic forms for interactive use, as well as, conventional hard copy forms. MSC shall develop/design/revise/approve electronic and hard copy forms, eliminate obsolete or duplicate forms, maintain Site forms historical records, and maintain the system for centralized configuration management of site electronic and conventional hard copy forms. Development of forms shall be coordinated with the sponsor and its users. • Hanford Site Contractors may request and provide requirements for service. • Hanford Site Contractors are allowed to create and maintain unique forms relevant solely to their internal use, unless otherwise prohibited by Site policy. 							

Information Resources/Content (Records) Management (IR/CM)									
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Strategic Planning & Program Management	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	N/A	N/A	Receive service from MSC, as applicable	<i>Clinger-Cohen Act</i> OMB A-11, A-300 all applicable Federal Information Technology requirements	MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		Strategic Planning & Program Management assesses the current IR/CM technology infrastructure, systems, applications, and business practices and provides recommendations for improving the scalability and reducing the life-costs over the current approach. <ul style="list-style-type: none"> MSC shall develop a <i>Computing and Telecommunications Strategic Plan</i>. PRC and TOC shall provide input to the <i>Computing, Telecommunications, and Content (Records) Management Strategic Plan</i>. 							
Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Telephone Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	N/A	Receive service from MSC, as applicable		Usage based service reimbursed by the user
		Telephone Services function consist of the Hanford Site Telephone Exchange activities that encompass voice, data, special circuits, 9-1-1 support, and attendant/operator services to Hanford Site programs, projects, and support organizations. <ul style="list-style-type: none"> MSC shall provide and maintain telecommunications capability and capacity sufficient to meet the needs of the Hanford site, encompassing those systems required to maintain data transmissions, including local, state, national, and international subscribers; data and network circuits; off-premise stations; telephone service to offsite offices occupied by Hanford Site end-users; alerting and crash alarm systems; and other miscellaneous voice and data circuits. Hanford Site Contractors shall request and provide requirements for service. 							

Type of Interface	Activity (Service – Optional, except Emergency Response, which is Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Pager Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from MSC, as applicable		Usage-based service reimbursed by the user. Emergency Response related pagers are paid by MSC.
		<p>Pager Services provides the electronic network and devices for Hanford Site paging.</p> <ul style="list-style-type: none"> • MSC shall provide maintenance, operations and account administration of the Government-owned Hanford Site pager infrastructure and commercial pager services, including site, regional and national paging services. • MSC shall provide system designs, integration, maintenance, frequency management, associated engineering services, and support to manage regional, international, and nonstandard inventory for pager replacement parts. • Hanford Site Contractors may request and provide requirements for service. 							

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Type of Interface	Activity (Service – Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Radio Services for Crafts	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from MSC, as applicable	National Telecommunications and Information Administration requirements	Usage-based service reimbursed by the user. Equipment (radios, antennas, etc., costs are the responsibility of the Hanford Site Contractor
<p>Radio Services for Crafts provides radio communication infrastructure and licensing.</p> <ul style="list-style-type: none"> • MSC shall provide engineering, maintenance and operations of non-emergency radio communication services, including associated infrastructure. • MSC shall manage radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services, and registration of radio frequencies with the National Telecommunications and Information Administration. • Hanford Site Contractors shall request and provide requirements for service. If procuring radios, the Contractor must comply with Hanford Site specifications. 									

Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Radio Services for Emergency Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from MSC, as applicable	National Telecommunications and Information Administration requirements	Funded through MSC; provided at no cost to Hanford Site Contractors. Equipment (radios, antennas, etc., costs are the responsibility of the Hanford Site Contractor
<p>Radio Services for Emergency Services provides radio communication infrastructure and licensing.</p> <ul style="list-style-type: none"> • MSC shall provide engineering, maintenance and operations of radio communication services, including two-way, fire dispatch, safety and emergency preparedness, security systems and infrastructure. • MSC shall manage radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services, and registration of radio frequencies with the National Telecommunications and Information Administration. • Hanford Site Contractors shall: <ul style="list-style-type: none"> - Follow Hanford Site radio frequency policy and use the MSC for radio spectrum licensing; and - Request and provide requirements for service. 									

Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Network Services	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	N/A	Only DOE	CRD M 470.4-2, <i>Physical Protection</i>	Usage based service reimbursed by the user
		<p>Network Services consist of the Hanford Local Area Network (HLAN) information infrastructure used by DOE-RL, DOE-ORP and Hanford Site Contractors for intranet and internet services.</p> <ul style="list-style-type: none"> MSC shall operate and maintain the HLAN information/communication infrastructure including Application Hosting Services, Internet Support, Maintenance and Software License Management, Technology Support for Hardware and Software, network management and maintenance, desktop/user services, hardware maintenance, work station acquisition, redeployment and retirement, engineering and configuration, software distribution, and streaming video engineering services. Hanford Site Contractors shall request and provide requirements for service. 							
Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Information Systems	Provide service to Site Contractors	Receive service from MSC	Receive service from MSC	N/A	Optional service	Optional service, except DOE		Funded through MSC; provided at no cost to Hanford Site Contractors
		<p>Information Systems provide integrated business, technical, and project information systems including management and performance of steady state operations, maintenance, development and enhancements for Hanford Site data systems, and support to project and business functions.</p> <ul style="list-style-type: none"> MSC provides database management, HLAN infrastructure maintenance, video-teleconferencing (VTC) support services, software and systems engineering, system development, systems operations and maintenance (O&M), software testing, software configuration management, and application hosting services. Hanford Site Contractors shall request and provide requirements for service. 							

Type of Interface	Activity (Site-wide System – Mandatory Inventory & Scheduling Service - Optional)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Federal Records Inventory and Schedule Management	Provide service to and receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, except PNNL	Various DOE directives and National Archives and Records Administration (NARA) regulations	Funded through MSC; provided at no cost to Hanford Site Contractors. Optional service reimbursed by the user.
		<p>Inventory and Schedule Management provides the Hanford Site-wide RIDS database for inventorying and scheduling all Federal records for MSC and for designated Contractors including those documenting the missions, programs, projects and all administrative functions. This work addresses all records (and non-records) originated or held by any of the covered Contractors and includes records in all media, including electronic systems, databases, spreadsheets, microform, photo/negatives, hard copy paper, and all other formats and media.</p> <ul style="list-style-type: none"> • MSC shall provide Hanford Site-wide RIDS database for Hanford Site Federal records. • Other Hanford Site Contractors shall provide RIDS database information. 							
Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Major Collection Management	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC (Optional)	Optional	Deliver input to MSC, except PNNL		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Major Collection Management provides continued maintenance of significant collections of records. Examples of major collections include engineering drawings, photographs/negatives, videotapes, etc.</p> <ul style="list-style-type: none"> • MSC shall ensure that records in identified collections are indexed, authenticated, metadata complete, and are accessible to those that have a business requirement. • Hanford Site Contractors shall meet the requirements of Major Collection Management as administered by the MSC. 							

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Type of Interface	Activity (Service – Mandatory)	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Long-Term Records Storage	Provide service to Site Contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional service	Receive service from and provide input to MSC	Various DOE and NARA regulations, including 36 CFR 1228.	MSC bears the cost burden of program administration
<p>Long-Term Records Storage provides for physical storage of over 110,000 cubic feet of records in various hard copy medium (paper, photographs, video, tapes, etc.).</p> <ul style="list-style-type: none"> • MSC shall provide long-term physical storage for paper and other hard copy media records and maintain information systems to manage that collection. • Hanford Site Contractors shall coordinate with MSC for pickup of records. 									

Portfolio Management

Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Hanford Portfolio Planning, Analysis & Performance Assessment (<i>Integrated Hanford Life-Cycle Clean-up Plan; [Hanford] Programmatic Risk Management Plan; P3 schedules, and State of the Site briefing</i>)	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, except PNNL and DOE		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Hanford Portfolio Planning, Analysis & Performance Assessment consists of support to DOE-RL and DOE-ORP in maintaining the <i>Integrated Hanford Life-Cycle Clean-up Plan</i> that optimizes the mission life-cycle, enabling DOE to ensure cost and schedule efficiency while adequately anticipating and managing programmatic risk.</p> <ul style="list-style-type: none"> MSC shall perform Hanford Site portfolio integration, provide simulation and optimizing analysis tools, and coordinate and assist with integrated scheduling and performance evaluation. MSC shall develop an <i>Integration Issues Management Plan</i>, provide <i>Hanford Portfolio Planning</i>, develop and maintain an <i>Integrated Hanford Life-Cycle Clean-up Plan</i>, and shall evaluate project and program performance against the <i>Integrated Hanford Life-cycle Baseline</i>. Hanford Site Contractors shall provide information to the MSC as necessary to complete the Hanford Portfolio Planning, Analysis & Performance Assessment activities. 							
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Project Acquisition and Support	Receive Critical Decision data and information from PRC and TOC	Deliver data and info. to MSC	Deliver data and info. to MSC	N/A	N/A	N/A		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Project Acquisition and Support includes project initiation, design, construction, and/or procurement services to DOE and as an optional service to Hanford Site Contractors.</p> <ul style="list-style-type: none"> As directed by DOE, MSC shall provide the means to enable DOE to perform its project owner management responsibilities, in the areas of planning and procurement actions for new projects, by supporting the Critical Decision (CD) 0 through CD-1/2 phase of new project life-cycles and, when requested, act as project lead in support of the CD-3 and 4 phase of new projects. Hanford Site Contractors shall provide Critical Decision data and information to the MSC as directed by DOE. 							

Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Independent Assessment and Analysis	Receive input from Site Contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, except PNNL and DOE		MSC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>Independent Assessment and Analysis provides to DOE a capability for ensuring that work is being accomplished in accordance with ESH&Q requirements, or to accomplish special DOE studies and obtain recommendations on an as needed basis to resolve technical and regulatory issues.</p> <ul style="list-style-type: none"> As directed by DOE, MSC shall provide specialty technical expertise, on a task-order basis, for areas such as project management, project control, cost estimating and scheduling, environmental, safety, quality and health, quality assurance, criticality, nuclear safety, radiological control, fire protection, environmental protection, regulatory compliance, Integrated Safety Management System, etc., and conduct independent analyses and generate technical assessment reports as needed in these areas. Hanford Site Contractors shall provide data and facility access to the MSC as required by the Independent Assessment and Analysis activity. 							

PRC SERVICES AND INTERFACE ACTIVITIES									
Solid and Liquid Waste Stabilization and Disposition									
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Waste forecast system - Solid Waste Information and Tracking System (SWITS) and Solid Waste Integrated Forecast Technical Database (SWIFT)	Provide data to PRC	Receive data from Site Contractors	Provide data to PRC	Provide data to TOC	Provide data to PRC	Provide data to PRC, except DOE	Solid Waste Information and Tracking System (SWITS) – database requirements	PRC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs.
		Waste forecast system identifies future quantities of hazardous and radioactive waste generation for wastes managed by the contract. <ul style="list-style-type: none"> PRC shall operate and maintain SWITS and SWIFT, and make available to other Site Contractors. Hanford Site Contractors shall provide waste generation data. 							
Type of Interface	Activity (Service – Mandatory)	MSC	PRC (Service Provider)	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P	Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal	N/A	Receive waste	Package and deliver to PRC	Provide waste to TOC	Package and deliver to PRC	Package and deliver to PRC, except DOE	HNF-EP-0063, <i>Hanford Site Solid Waste Acceptance Criteria</i> HNF-25842, <i>Solid Waste Operations Complex (SWOC) Authorization Agreement (AA)</i>	- PRC provides ready-to-serve capability. Waste generators provide funding for packaging, treatment, transport (including unloading), storage, and disposal - RCCC only pays for treatment, packaging, and transport. - TOC pays WTP waste disposal costs.
		This activity provides for LLW and MLLW Treatment, Storage, and Disposal. <ul style="list-style-type: none"> PRC shall perform waste unloading, receipt, storage, and disposal of LLW and MLLW. Hanford Site Contractors prepare waste, including packaging and treatment, and provide for waste transport. 							

Type of Interface	Activity (Service – Mandatory)	MSC	PRC (Service Provider)	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P	Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging and Transportation	N/A	Receive waste from TOC, RCCC, and other Site Contractors	Package and deliver to PRC	N/A	Package and deliver to PRC	Package and deliver to PRC, except DOE	<i>Hanford Site Solid Waste Acceptance Criteria</i> (HSSWAC) (HNF-EP-0063) DOE/WIPP-02-3122, Rev.1, <i>Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant</i> HNF-25842, <i>Solid Waste Operations Complex (SWOC) Authorization Agreement (AA)</i>	- PRC provides ready-to-serve capability. - Waste generators provide funding to PRC for the increment of work resulting from their waste - RCCC only pays for treatment, packaging, and transport.
This activity provides for Transuranic (TRU) and Transuranic Mixed Waste (TRUM) certification and loading waste for shipment to the Waste Isolation Pilot Plant (WIPP). <ul style="list-style-type: none"> • PRC shall receive waste from Contractors, provides interim storage if required, certifies waste for shipment, prepares payloads, and loads waste for shipment to WIPP or other DOE Sites.. • Hanford Site Contractors shall conduct and budget for packaging (if required by WAC) and transporting waste to PRC, and certifying for WIPP and loading waste for shipment to WIPP or other DOE Sites.. 									

Type of Interface	Activity (Service – Mandatory)	MSC	PRC (Service Provider)	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P	Industrial and Radioactive Liquid Effluents Treatment and Disposal: 200 and 300 Area Liquid Waste Processing Facilities – <i>Effluent Treatment Facility (ETF), Liquid Effluent Retention Facility (LERF), 200 Area Treated Effluent Disposal Facility (TEDF), State Approved Land Disposal Site (SALDS); 310 Treated Effluent Disposal Facility (TEDF)</i>	N/A	Receive from TOC, WTP and RCCC	Deliver to PRC	Deliver to PRC	Deliver to PRC	Deliver to PRC, except DOE	Per facility safety analysis and waste acceptance criteria. For WTP, Section C.9 ICD 6 of DE-AC27-01RV14136	Funded through PRC; provided at no cost to Hanford Site Contractors
<p>This activity provides for treatment and disposal of radioactive liquid effluents in the 200 and 300 Areas.</p> <ul style="list-style-type: none"> PRC shall receive, treat, and dispose of industrial and radioactive liquid effluents from Site Contractors. Hanford Site Contractors shall send waste to PRC facilities. 									

Type of Interface	Activity (Service – Mandatory)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P	Immobilized High Level Waste (IHLW) Interim Storage	N/A	Receive from TOC	Transport to PRC	Provide filled IHLW canisters for TOC transport	N/A	N/A	(HNF-29132), Rev. 0, <i>Canister Storage Building and 200 Area Interim Storage Area Authorization Agreement</i> 61 FR 10736, March 15, 1996, Doc. 96-6291 DOE/RW-0351 Rev 3, <i>Waste Acceptance System Requirements Document, E000000000-00811-1708-0001, Rev 03</i>	PRC funds ready to serve operations of the CSB. Modifications to CSB or construction of other storage capability funded by TOC.
		This activity provides for storage of IHLW. <ul style="list-style-type: none">PRC shall operate and maintain the Canister Storage Building.TOC and PRC shall coordinate on modifications of the CSB for receipt of the IHLW.							
Type of Interface	Activity (Service – Mandatory)	MSC	PRC (Service Provider)	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P	Immobilized low activity waste (ILAW) and bulk vitrification waste Disposal	N/A	Receive from TOC and dispose	Deliver to PRC	N/A	N/A	N/A	Documented Safety Analysis Integrated Disposal Facility Waste Acceptance Criteria [to be developed]	PRC provides ready-to-serve capability; waste generators provide funding to PRC for the increment of work resulting from their waste
		This activity provides for disposal of ILAW and bulk vitrification waste. <ul style="list-style-type: none">PRC shall operate the Integrated Disposal Facility and receive/dispose waste.TOC shall prepare and provide for transportation of ILAW and bulk vitrified waste to the IDF for disposal.							

Groundwater and Vadose Zone Project									
Type of Interface	Activity (Service – Mandatory and Interface)	MSC	PRC (Service Provider)	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Groundwater/Vadose Zone Integration	Deliver to PRC	Receive from Site Contractors	Deliver to PRC	N/A	Deliver to PRC	N/A		PRC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		<p>The Groundwater/Vadose Zone Integration activity maintains and controls site-wide data and models used for groundwater/vadose zone analysis and coordinates site-wide groundwater/vadose zone activities.</p> <ul style="list-style-type: none"> • PRC shall conduct the groundwater/vadose zone integration project. • Hanford Site Contractors shall participate in PRC periodic planning and coordination meetings; and deliver modeling and risk assessment information. Mission Contractors shall provide comments on the annual update to the <i>Integrated Plan and Schedule for all soil and groundwater work</i>, and the annual <i>Groundwater Monitoring Report</i>. • Hanford Site Contractors shall supply groundwater analysis requirements and reporting of risk assessment data and analysis, input for the Fiscal Year Integrated Groundwater Monitoring Plan for the Hanford Site, comments on the <i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i> (CERCLA) Groundwater and Deep Vadose Zone Remediation Activity Progress Reports. • Hanford Site Contractors shall provide data/information to PRC on self-performed drill and sample soil borings that yield additional vadose zone characterization data, 							

Type of Interface	Activity (Service – Mandatory and Interface)	MSC	PRC (Service Provider)	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Hanford Environmental Data Integration	N/A	Receive from TOC, RCCC, and other Site Contractors	Deliver input to PRC	N/A	Deliver input to PRC	Deliver input to MSC, except DOE		PRC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>This activity provides for maintenance, configuration control, and upgrading of key Hanford Site environmental assessment databases.</p> <ul style="list-style-type: none"> The PRC shall serve as Data Manager for the following information systems: <ul style="list-style-type: none"> Hanford Environmental Information System (HEIS); Sample Data Tracking (SDT) System; Hanford Well Information System (HWIS); Waste Information Data System (WIDS). The Hanford Site Contractors shall provide data and support to the PRC, for the Hanford Sites Contractor's facilities and activities, to support maintenance of the above listed Hanford-wide environmental databases. Hanford Site Contractors supplying information/ data are responsible for data quality. 									
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Hanford Site Well Drilling and Decommissioning	Coordinate with PRC	Coordinate with TOC, RCCC, MSC, and other Site Contractors	Coordinate with PRC	N/A	Coordinate with PRC	Coordinate with PRC		PRC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
<p>This activity includes drilling and decommissioning of Hanford Site wells.</p> <ul style="list-style-type: none"> PRC shall coordinate with the mission Contractors during the installation and maintenance of wells for the groundwater monitoring well network and maintain and implement the <i>Hanford Site Well Decommissioning Plan</i>. Hanford Site Contractors shall provide input for the <i>Hanford Site Well Decommissioning Plan</i>. 									

Spent Nuclear Fuel									
Type of Interface	Activity (Service – Mandatory)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
P	Special Nuclear Fuel (SNF) Fragments Transportation	N/A	Receive from RCCC	N/A	N/A	Transfer to PRC	N/A		PRC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		SNF fragments are safely stored. • RCCC shall package SNF fragments and transport to PRC. • PRC shall receive packaged SNF fragments from RCCC.							

TOC SERVICES AND INTERFACE ACTIVITIES									
Base Operations									
Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Double Shell Tank (DST) System Management	N/A	N/A	Integrate with WTP	Deliver input to TOC	N/A	N/A		TOC bears the cost burden of program administration
		<p>DST System Management maintains acceptable waste feed specifications for future waste feed delivery to the WTP while also maximizing use of available DST space to facilitate single-shell tank waste retrieval and any in-tank treatment to preserve tank integrity and improve waste feed characteristics.</p> <ul style="list-style-type: none"> • TOC shall integrate with the WTP Contractor, develop the <i>Integrated Waste Feed Delivery Plan</i>, and the <i>River Protection Project System Plan</i>, and operate the DST system. • WTP shall provide input for feed delivery integration. 							
Type of Interface	Activity (Service – Mandatory)	MSC	PRC	TOC (Service Provider)	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Vent and Balance	Receive service from TOC	Receive service from TOC	Provide service to PRC and MSC	N/A	N/A	N/A		Usage based Service reimbursed by the user
		<p>Vent and Balance provides as a variable service, testing of ventilation and filters, and ventilation balance to maintain established flows and pressures on systems. Specifics include ventilation stack flow testing, fume hood flow testing, high efficiency particulate air (HEPA) filter vacuum testing/certification and HEPA filter efficiency testing.</p> <ul style="list-style-type: none"> • TOC shall perform cost-effective/efficient Vent and Balance services (primarily HEPA filter testing and replacement) for RPP facilities and for the balance of the Hanford Site. • PRC and MSC shall request and provide requirements for service. 							

Type of Interface	Activity (Service – Mandatory)	Contractor	MSC	PRC	TOC (Service Provider)	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Analytical Laboratory Support (Landlord Services for 222-S Laboratory Complex)	Receive service from TOC	N/A	N/A	Provide service to Contractor	N/A	N/A	N/A		Funded through TOC; provided at no cost to Hanford Site Contractors.
		Analytical Services are performed by the Contractor (Contractor), a separate prime Contractor to DOE-ORP, while laboratory facility operations and maintenance are performed by the Contractor. <ul style="list-style-type: none"> • TOC shall operate and maintain the 222-S Laboratory Complex to support analysis activities performed by the Contractor. • Contractor will provide input and coordination to support operations. 								
Type of Interface	Activity (Interface)	Contractor	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Analytical Integrated Planning (222-S Laboratory Complex)	Provide data to TOC	N/A	Provide data to TOC	Integrate data	N/A	N/A	N/A		TOC bears the cost burden of program administration; Hanford Site Contractors bear internal implementation costs
		Analytical Integrated Planning provides integrated Site-wide analysis plans, data quality objectives, and process and analytical technology support. <ul style="list-style-type: none"> • TOC shall interface with the Contractor to develop sample analysis rates and waste generation estimates. • Hanford Site Contractors shall use integrated planning products to plan sample analysis expenditures. • Hanford Site Contractors shall provide input to support sample analysis planning. 								

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Type of Interface	Activity (Interface)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Tank Closure and Waste Management Environmental Impact Statement (EIS) and Record of Decision (ROD)	Deliver input to DOE-ORP	Deliver input to DOE-ORP	Deliver input to DOE-ORP	N/A	N/A	N/A	Per EIS Project Plan	Hanford Site Contractors bear the cost of their respective resources for this activity
<p><i>Tank Closure and Waste Management EIS and ROD</i> is a regulatory requirement supporting Hanford Site closure activities. DOE is currently preparing the Tank Closure and Waste Management (TC & WM) Environmental Impact Statement (EIS). The TC & WM EIS is evaluating options for managing and disposing of waste, supplemental treatment, tank closure and establishing final end states for the Fast Flux Test Facility (FFTF) at Hanford. These decisions are expected to be applied to the related programs after 2009.</p> <ul style="list-style-type: none"> • DOE-ORP will develop the <i>Tank Closure and Waste Management EIS and ROD</i>. • Hanford Site Contractors shall provide input to the <i>Tank Closure and Waste Management EIS and ROD</i>. 									

Waste Treatment and Immobilization Plant Support									
Type of Interface	Activity (Service – Mandatory and Interface)	MSC	PRC	TOC (Service Provider)	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	WTP Support	N/A	N/A	Coordinate and provide services to WTP	Receive service from and provide input to TOC	N/A	N/A	ICD 1, <i>Raw Water</i> ICD 2, <i>Potable Water</i> ICD 3, <i>Radioactive Solid Wastes</i> ICD 5, <i>Non-Radioactive, Non-Dangerous Liquid Effluents</i> ICD 6, <i>Radioactive Dangerous Liquid Effluents</i> ICD 9, <i>Land for Siting</i> ICD 11, <i>Electricity</i> ICD 12, <i>Roads</i> ICD 14, <i>Immobilized High-Level Waste</i> ICD 15, <i>Immobilized Low-Activity Waste</i> ICD 19, <i>Low-Activity Waste Feed</i> ICD 23, <i>Waste Treatability Samples</i> ICD 28, <i>Pit 30 Aggregate Supply for Construction</i>	WTP and TOC bear the cost of their respective resources for this activity
<p>WTP interface provides support for WTP construction.</p> <ul style="list-style-type: none"> • MSC, PRC, and TOC shall comply with the existing Interface Control Documents with the WTP Contractor. • TOC shall be responsible for coordinating, planning and paying for the WTP Contractor's requirements for infrastructure, utility, and service support from the MSC. • WTP shall maintain WTP Interface Control Documents. 									

OTHER DOE DIRECT-CONTRACTED SERVICES										
Type of Interface	Activity (Service - Optional)	Del Sol, Inc (Service Provider).	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Janitorial Service	Provide service to Site Contractors	Receive service	Receive service	Receive service	N/A	Receive service	Receive service		General and Administrative (G&A) cost for each contract
Del Sol, Inc. provides janitorial services for certain buildings in the 600, 700 and 1100 Areas of the DOE-RL, Richland, Washington. Services include light cleaning, high cleaning, and special services, as needed.										

Type of Interface	Activity (Service - Optional)	Unitech Services Group (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Laundry Service	Provide service to Site Contractors	Receive service	Receive service	Receive service	Receive service	Receive service	Receive service		Fee for service
Unitech Services Group provides for commercial laundry and decontamination services for government-owned protective clothing, non-regulated items, and regulated face pieces. This service includes periodic batch pick-up and drop-off at site locations.										

Type of Interface	Activity (Service - Mandatory)	AMH (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Occupational Medicine Service	Provide service to Site Contractors	Receive service	Receive service	Receive service	N/A	Receive service	Optional service		Fee for service
		<p>AdvanceMed Hanford (AMH), under a separate prime contract to DOE-RL manages the Site Occupational Medical Contract to provide occupational health services through health risk management and occupational health services to personnel at Hanford. AMH has the lead to coordinate Health Risk Management program teams with the Site in identifying and analyzing the hazards that Hanford personnel face in the work environment and brings an awareness of health and safety issues to DOE, Hanford Site Contractors, and others.</p> <p>AMH provides the following, but is not limited to these types of services: medical monitoring and qualification examinations, including the controlled substances/alcohol testing program (mandatory use); diagnosis and treatment of occupational injury or illness; monitored care; legacy health issues; employee counseling and health promotion; occupational health process improvement; human reliability testing; records management; emergency and disaster preparedness; health care cost management; field/facility visits; case management; records and data extraction; other occupational medicine services; reporting; and supporting transition.</p>								
Type of Interface	Activity (Interface & Service -- Mandatory)	Westech (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Personnel Security Services	Provide service to Site Contractors	Receive service from and provide input to Westech	Receive service from and provide input to Westech	Receive service from and provide input to Westech	N/A	Receive service from and provide input to Westech	Receive service from and provide input to Westech	CRD M 470.4-5, <i>Personnel Security</i>	Direct funded by DOE
		<p>Westech currently provides technical and administrative support expertise for the implementation of the DOE Personnel Security Program, including clearance and special access processing, adjudication of investigative reports, human reliability programs, and other personnel security related programs. Westech also provides transcription services, screening and processing classified mail, operation of the vault, visitor control and security education for both employees and visitors located in the Federal Office Building (FOB), and management of several personnel security-related databases.</p>								

Type of Interface	Activity (Service - Optional)	PNNL (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Research, development, and demonstration	Provide service to Site Contractors	Receive service	Receive service	Receive service	Receive service	Receive service	Receive service		Fee for service
PNNL is one of five Office of Science multi-program laboratories that conduct research and development activities. Some of the programs conducted at PNNL are part of the DOE Office of Science laboratory system and require no integration with the Hanford DOE Office of Environmental Management programs; however, many of the research and technology development programs have direct relevance to the Hanford cleanup mission. As applicable, the Contractor is encouraged to utilize the scientific and technical capabilities available from PNNL and work directly with PNNL to maximize the benefit to Hanford from the National research and development program.										
Type of Interface	Activity (Service - Mandatory)	Contractor (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Sample Analysis (highly radioactive)	Provide services to TOC and PRC	N/A	Receive services from Contractor	Receive services from Contractor	N/A	N/A	N/A		Fee for service
Analytical Services are performed by the Contractor (Contractor) under a separate prime contract to DOE-ORP is responsible for providing analysis of highly radioactive samples in support of Hanford Site projects. These services will be performed in the 222-S Laboratory Complex located in the 200 Area of Hanford.										
The Contractor is responsible for: receiving samples, which are potentially highly radioactive; preparing samples, which are potentially highly radioactive for analysis; recording and tracking all samples and related waste materials; performing chemical and radionuclide analyses using necessary quality control and quality assurance; reporting the results and archive sample remainders as required by the customer; and providing Standards Laboratory services for the Hanford Site.										

Type of Interface	Activity (Service - Mandatory)	JCI (Service Provider)	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
S	Steam Services	Deliver service to Site Contract or	Receive service	Receive service	Receive service	N/A	Receive service	Receive service		RCCC & TOC “advance” pay from their DOE funding allocations. MSC & PRC costs are funded by DOE-RL directly to JCI from PBS-40
		Johnson Controls, Incorporated (JCI), under a separate prime contract, is responsible for the Energy Savings Performance Contract, which currently includes steam service to support heating and other operations at the Site and air compressors for twenty 300 Area facilities. JCI can also propose additional energy conservation measures. These may include, but are not limited to, lighting system upgrades; pumping system upgrades; automation; heating, ventilation, and air conditioning upgrade; and addition of utility monitoring and control systems.								
Type of Interface	Activity (Service – Mandatory)	MSC	PRC	TOC	WTP	RCCC (Service Provider)	Other Site Users	Requirements	Cost Allocations	
P	Waste Disposal - CERCLA remediation Low Level (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level (MLLW)	Deliver to RCCC	Deliver to RCCC	Deliver to RCCC	Deliver to RCCC	Receive from Site Contractor s	N/A		Hanford Site Contractors budget for waste treatment and disposal; deliver waste to ERDF.	
		<ul style="list-style-type: none">RCCC performs treatment, storage, and disposal of <i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i> (CERCLA) LLW and CH/RH-MLLW.Hanford Site Contractors shall request and provide requirements for service.								